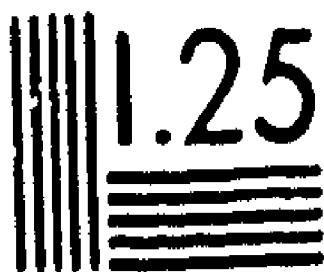


4



DOCUMENT RESUME

ED 057 216

VT 014 259

TITLE Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1971.

INSTITUTION Ohio State Univ., Columbus. Center for Vocational and Technical Education.

SPONS AGENCY Office of Education (DHEW), Washington, D.C.

PUB DATE 71

NOTE 214p.

AVAILABLE FROM Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (Quarterly, One year-\$11.00, Two years-\$18.00)

EDRS PRICE MF-\$0.65 HC-\$9.87

DESCRIPTORS *Abstracts; Clearinghouses; *Educational Research; *Indexes (Locaters); Information Dissemination; *Technical Education; *Vocational Education

ABSTRACT

This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized in ascending VT-number order, and cover such subject areas as: administration and supervision, employment and occupations, individuals with special needs, research design, development and utilization and related research topics. Indexes provide the approach to the abstracts by (1) subject, (2) personal and institutional authors, and (3) document accession number with a table showing numbers for documents available through the ERIC Document Reproduction Service. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 014 473). (CD)

ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

FALL 1971

ERIC

CLEARINGHOUSE ON
VOCATIONAL AND
TECHNICAL EDUCATION

The Center for Vocational and Technical Education, an independent unit on The Ohio State University campus, operates under a grant from the National Center for Educational Research and Development, U.S. Office of Education. It serves a catalytic role in establishing consortia to focus on relevant problems in vocational and technical education. The Center is comprehensive in its commitment and responsibility, multidisciplinary in its approach and interinstitutional in its program.

The Center's mission is to strengthen the capacity of state educational systems to provide effective occupational education programs consistent with individual needs and manpower requirements by:

- Conducting research and development to fill voids in existing knowledge and to develop methods for applying knowledge.
- Programmatic focus on state leadership development, vocational teacher education, curriculum, vocational choice and adjustment.
- Stimulating and strengthening the capacity of other agencies and institutions to create durable solutions to significant problems.
- PROVIDING A NATIONAL INFORMATION STORAGE, RETRIEVAL AND DISSEMINATION SYSTEM FOR VOCATIONAL AND TECHNICAL EDUCATION THROUGH THE AFFILIATED ERIC CLEARINGHOUSE.

Abstracts of
Research and Related
Materials
in
Vocational and Technical Education
FALL 1971

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
OFFICE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRO-
DUCED EXACTLY AS RECEIVED FROM
THE PERSON OR ORGANIZATION ORIG-
INATING IT. POINTS OF VIEW OR OPIN-
IONS STATED DO NOT NECESSARILY
REPRESENT OFFICIAL OFFICE OF EDU-
CATION POSITION OR POLICY.

This publication was prepared pursuant to a contract with the Office of Education, U.S. Department of Health, Education and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their judgment in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official Office of Education position or policy.

ERIC Clearinghouse on Vocational and Technical Education
The Center for Vocational and Technical Education
The Ohio State University
1900 Kenny Road, Columbus, Ohio 43210

ERIC CLEARINGHOUSE ON VOCATIONAL AND TECHNICAL EDUCATION

Director.....Robert E. Taylor
Coordinator.....Joel H. Magisos
Editor.....Chotard Doll
Information Specialist.....Lonnie A. Berkebile
Information Specialist.....Roy L. Butler
Information Specialist.....David McCracken
Abstracting-Indexing Editor.....Mary Ury
Information Technician.....Ann Whitlatch

Document Analysts

Gary Beasley
Suzanne Berry
Glenn Bettis
Robert Harris
James Smiley

Abstracts of Research and Related Materials in Vocational and Technical Education is a quarterly publication (Fall, Winter, Spring, Summer) published by the ERIC Clearinghouse on Vocational and Technical Education. Subscriptions are \$11.00, one year; \$18.00, two years; and \$27.00, three years. Send order to ERIC Clearinghouse, The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210. Contents of this publication may be reprinted freely without requesting permission, providing appropriate credit is given to the Clearinghouse.

PREFACE

Abstracts of Research and Related Materials in Vocational and Technical Education (ARM) and the companion publication Abstracts of Instructional Materials in Vocational and Technical Education (AIM) announce the availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. ARM incorporates abstracts of research and other materials which are useful to a wide audience of users such as researchers, supervisors, teacher educators, education specialists, administrators, teachers and others who have an interest in vocational and technical education. AIM includes abstracts of materials typically designed for teacher use or student use in the classroom, and annotations of bibliographies or lists of instructional materials. These publications prepared by the ERIC Clearinghouse on Vocational and Technical Education are published quarterly beginning with Fall 1967 issues.

The ERIC Clearinghouse on Vocational and Technical Education is a division of the Center for Research and Leadership Development in Vocational and Technical Education located at The Ohio State University and is one of the clearinghouses of the Educational Resources Information Center (ERIC-USOE). With the growth of vocational and technical education programs, there is an increasing need for accessible information that can be used in developing logical chains of reasoning for research activities, for improving school practices and for shortening the theory-practice gap. This Clearinghouse is striving to provide a useful and vital function in dissemination of information on vocational and technical education. ARM and AIM give visibility to a document-based information system which constitutes an on-going data bank of research and resource materials in vocational and technical education. Following are some of the benefits derived from this data base:

- * A central source of information to be reviewed and synthesized into state-of-the-art papers, critical reviews, interpretive papers, etc.
- * A resource which includes different kinds of materials, e.g., instructional materials, descriptive reports, survey reports, dissertations, conference proceedings, program plans or procedures, research reports.
- * Provision for availability of primary materials through the ERIC Document Reproduction Service (EDRS) and/or other distribution agencies.
- * A source of bibliographies and a resource for development of bibliographies.
- * A source of materials for different user groups (i.e., administrators, supervisors, teacher educators, teachers, legislative and advisory bodies) with information needs in such diverse areas as teaching and learning, manpower needs and requirements, research design and methodology, evaluation.

Since this Clearinghouse is a component of a larger information system, ERIC, it is logical that certain similarities among publications exist. In this regard the format of ARM and AIM is similar to that of Research in Education (RIE)¹, the primary publication of the Educational Resources Information Center (ERIC). RIE includes abstracts from all ERIC Clearinghouses. The abstracts of materials reported in ARM relate specifically to the educational field of vocational and technical education and constitute a segment of ERIC, the national information system for American education.

¹Research in Education is published 12 times a year. The first issue was no. 1, November 1966. Subscription: Domestic \$21.00 a year; foreign \$5.25 additional. Single copy: Domestic, \$1.75. Send check or money order (no stamps) to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

In addition to the two quarterly publications, Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), and Abstracts of Instructional Materials in Vocational and Technical Education (AIM), other publications will be issued from time to time. These will typically concern themselves with reviewing and synthesizing information in specific areas of vocational and technical education, e.g., Review and Synthesis of Research in Technical Education; Agricultural Education; Home Economics, etc., and with reviewing and synthesizing information related to topical areas such as the economics of vocational and technical education.

We are indebted to our colleagues within the profession for their cooperation in forwarding materials to the clearinghouse and for their suggestions and comments which have materially assisted in the development of this program. We anticipate further refinement and improved procedures with the continued assistance of our advisory committee.

Robert E. Taylor
Director

INTRODUCTION

Organization of ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

Abstracts of Research and Related Materials in Vocational and Technical Education (ARM) is organized in two sections -- resumes and indexes -- to serve those seeking specific information. Resumes contain an abstract indicating the content of a document in 200 words or less, as well as various other information about each document as explained in a diagram on page x. Indexes provide specific approaches to documents reported in the resume section.

Beginning with this issue of ARM, both the resume and index sections have undergone several changes in the interest of increased utility for the user. The format of the resume section has been changed to a 2-column page, with resumes arranged in ascending VT (Vocational-Technical) number order throughout the resume section, and no longer separated into topical groupings. Vocational-Technical (VT) numbers are identification numbers assigned to documents as they are processed. Documents which have been pulled from RIE resume tapes appear in uppercase letters only.

The index section now consists of the following three indexes:

Subject and Identifier Index
Personal and Institutional Author Index
Conversion of Document Number Index (VT to ED or MP, ED or MP to VT)

All of the indexes refer to page numbers in this publication to enable the reader to quickly locate any resume of interest.

Availability of ARM

ARM is published quarterly (Fall, Winter, Spring, Summer). The first issue began Fall 1967. At this time the four issues for the period Fall 1967 - Summer 1968 and the AIM-ARM Annual Index, 1967-68 are available only on microfiche or facsimile copy. Annual subscriptions are available beginning with Fall 1968. Microfiche or facsimile for all previous issues may be ordered from ERIC Document Reproduction Service (EDRS), P.O. Drawer O, Bethesda, Maryland 20014. Please write to EDRS for order forms.

| | | | | |
|------------------------|------------------------------|-------------|----|--------------|
| ED 013 336 | Fall 1967 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 015 336 | Winter 1967 ARM | MF - \$.65 | or | HC - \$ 6.58 |
| ED 016 875 | Spring 1968 ARM | MF - \$.65 | or | HC - \$ 6.58 |
| ED 019 525 | Summer 1968 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 022 064 | AIM-ARM Annual Index 1967-68 | MF - \$.65 | or | HC - \$ 6.58 |
| ED 022 970 | Fall 1968 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 027 437 | Winter 1968 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 030 000 | Spring 1969 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 031 586 | Summer 1969 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 036 652 | AIM-ARM Annual Index 1968-69 | MF - \$.65 | or | HC - \$ 6.58 |
| ED 033 247 | Fall 1969 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 036 654 | Winter 1969 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 039 367 | Spring 1970 ARM | MF - \$.65 | or | HC - \$13.16 |
| ED 042 036 | Summer 1970 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED 042 929 | AIM-ARM Annual Index 1969-70 | MF - \$.65 | or | HC - \$ 6.58 |
| ED 045 857 | Fall 1970 ARM | MF - \$.65 | or | HC - \$19.74 |
| ED 048 516 | Winter 1970 ARM | MF - \$.65 | or | HC - \$ 9.87 |
| ED (See Sept. '71 RIE) | Spring 1971 ARM | MF - \$.65 | or | HC - \$ 9.87 |

Subscriptions for hard copy may be initiated with the Fall 1968 issue, or subsequent issues. Send order indicating quarter and year that subscription is to begin to:

AIM-ARM
ERIC Clearinghouse
The Center for Vocational and Technical Education
1900 Kenny Road
Columbus, Ohio 43210

Availability of Materials Reported in ARM

A basic concept of the ERIC system is to make known the availability of the full text of materials abstracted. Most of the materials processed into the ERIC system with an ERIC Document (ED) number will be available from the ERIC Document Reproduction Service (EDRS) in the form of microfiche or facsimile copy. There is an EDRS availability line with each abstract which indicates if a document may be obtained from EDRS. If a document is not available from EDRS, the agency and address from which the document may be obtained is in the resume. Microfiche or facsimile copy must be ordered by ED (ERIC Document) number since EDRS is not set up to respond to requests for materials by subject, author, or title. AIM and ARM indexes can be used to determine ED numbers which relate to problem areas. Always check the most current issue of RIE for the latest price schedules and ordering procedure for microfiche (MF) and facsimile copy, called hard copy (HC).

Materials with ED numbers are announced in Research in Education (RIE) as well as AIM or ARM. These are available as individual documents through EDRS or another source. Documents with VT numbers only are not announced in RIE but are included in AIM and ARM. They are not available as individual documents from EDRS but as part of a VT-ERIC set. Microfiche for an individual document in one of these sets is obtainable only through purchase of the set or from agencies that have this set and have the capability of reproducing microfiche. Reports in these sets are identified in a resume by the phrase MF AVAILABLE IN VT-ERIC SET. The documents are grouped in VT number sequence in the microfiche set for each issue of AIM or ARM. Each set is announced in RIE under a single (ED) number. The Fall 1967 - Summer 1968 Microfiche Collections contain documents with VT numbers only and ED documents. Beginning with Fall 1968, the microfiche set contains the documents which have only VT numbers. Thus the microfiche collection for a particular issue of ARM now contains the items in that issue of ARM which have the statement, MF AVAILABLE IN VT-ERIC SET, in the resume. These sets may be ordered from EDRS. Information to be used in ordering the sets for ARM follows:

ARM Microfiche Collections

| <u>ARM</u> | <u>ED Number</u> | <u>Microfiche</u> | <u>ARM</u> | <u>ED Number</u> | <u>Microfiche</u> |
|-------------|------------------|-------------------|-------------|------------------------|-------------------|
| Fall 1967 | ED 013 338 | \$20.02 | Summer 1969 | ED 031 587 | \$23.54 |
| Winter 1967 | ED 015 348 | \$23.10 | Fall 1969 | ED 033 237 | \$ 7.48 |
| Spring 1968 | ED 016 876 | \$33.66 | Winter 1969 | ED 036 657 | \$27.94 |
| Summer 1968 | ED 019 526 | \$63.36 | Spring 1970 | ED 039 370 | \$30.80 |
| Fall 1968 | ED 022 065 | \$ 4.84 | Summer 1970 | ED 042 060 | \$28.16 |
| Winter 1968 | ED 027 441 | \$30.36 | Fall 1970 | ED 045 860 | \$66.66 |
| Spring 1969 | ED 030 001 | \$22.00 | Winter 1970 | ED 049 385 | \$36.08 |
| | | | Spring 1971 | ED (See Sept. '71 RIE) | \$53.88 |

The prices quoted above reflect a new price schedule in effect for VT-ERIC microfiche collections as of June 1971.

It should be noted that organizations which have standing orders with EDRS for the total microfiche collections in RIE will automatically receive the ARM and AIM microfiche collections. If an organization wishes to order only the materials abstracted by VT-ERIC which are announced in RIE and are on microfiche, a standing order may be initiated with EDRS for a VT-ERIC package. This package will automatically include the ARM and AIM microfiche collections. Contact EDRS for information about cost of current or retrospective VT-ERIC packages.

Availability Key for Materials Reported in ARM

| <u>Accession Number</u> | <u>Availability on Microfiche</u> |
|---|--|
| ED number supplied | ERIC Document Reproduction Service (EDRS) provided that the information is shown on EDRS price line. |
| ED appears with reference to an RIE issue, e.g., ED(See Aug. '69 RIE) | If a price is given for microfiche, the fiche is unavailable from EDRS (at time of printing) until an ED number is assigned and published in RIE. The issue of RIE in which the abstract is scheduled to appear follows the ED prefix. After assignment of numbers has been made by Central ERIC, the Conversion of Document Number Index in each succeeding issue of ARM will include numbers for documents listed with an ED and RIE date in the previous issue. |
| VT number only supplied | Available on microfiche in VT-ERIC set from EDRS as indicated. |
| Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume. | |

ERIC Document Reproduction Service (EDRS)

The ERIC Document Reproduction Service (EDRS) is operated by Leasco Information Products, Inc. (LIPCO). Request order forms from:

ERIC Document Reproduction Service (EDRS)
P.O. Drawer 0
Bethesda, Maryland 20014

Prices for microfiche and/or hard copy undergo occasional changes which become effective when announced in Research in Education. EIRS prices cited in ARM and AIM reflect the prices in effect at the time of publication. Retrospective use of ARM and AIM requires attention to the most recent price schedules and ordering information which is available in a current issue of RIE.

Scope of the Clearinghouse

The Clearinghouse on Vocational and Technical Education is responsible for acquiring, processing, and disseminating through the ERIC system, research reports, instructional materials, information analysis products and other resource materials related to vocational and technical education. In addition to this general area, coverage includes the specific occupational fields of agricultural education, business and office occupations

education, distributive education, health occupations education, home economics education, technical education, trade and industrial education, and new sub-professional fields. The clearinghouse scope also encompasses the related fields of industrial arts education, manpower economics, occupational psychology, and occupational sociology. The following subject categories when specifically oriented to vocational-technical education and its related fields are included in the scope of the Clearinghouse: administration and supervision, curriculum, employment and occupations, evaluation and measurements, facilities and equipment, historical studies, individuals with special needs, instructional materials and devices, philosophy and objectives, research design and development, occupational guidance and other student personnel services, students, teachers, teacher education, teaching and learning.

Acquisitions

The adequacy of information in this publication, as well as other services of this Clearinghouse, is directly related to the extensiveness of the information acquired and processed into the system. This Clearinghouse has assumed the initiative in obtaining as much of the available information as possible. However, it is impossible for any organization to achieve complete and comprehensive coverage of a field as vast as vocational education without the cooperation and assistance of the profession. The growth and ultimate effectiveness of the system require supplemental efforts of its users. Any person in the vocational or technical field is invited to forward to the Clearinghouse two copies of items relating to vocational-technical education for possible inclusion in the system. Questions relating to this endeavor should be directed to the Acquisitions Specialist at the Clearinghouse.

Abbreviations

| | |
|------|--|
| AIM | <u>Abstracts of Instructional Materials in Vocational and Technical Education</u> |
| ARM | <u>Abstracts of Research and Related Materials in Vocational and Technical Education</u> |
| ED | ERIC Document |
| EDRS | ERIC Document Reproduction Service |
| ERIC | Educational Resources Information Center |
| HC | Hard Copy |
| MF | Microfiche |
| MP | Manpower |
| RIE | <u>Research in Education</u> |
| VT | Vocational-Technical |

SAMPLE RESUME

Accession Number--an identification number sequentially assigned to reports as they are processed.

Author(s)--the individual(s) who prepared the report.

EDRS Price--price of the document through the ERIC Document Reproduction Service. "MF" means microfiche; "HC" means hardcopy.

Report Number would appear here.

If item cited appeared originally in a journal, a journal citation would appear here.

Publication Date.

Total number of printed pages in the report, including cover and appendices.

Identifiers would appear here. These are acronyms, geographical areas, conferences, organizations, tests (e.g. Binet), etc. Only the major identifiers preceded by an asterisk are printed in the index.

Abstract--a condensation of the report in about 200 words. When applicable, it includes the purpose, procedure, results, and conclusions of the research activity.

VT 004 376

ED 020 326

Asbell, Bernard

New Directions in Vocational Education, Case Studies in Change.

Office of Education (DHEW), Washington, D.C. Bureau of Research

EDRS PRICE MF-\$0.50 HC NOT AVAILABLE FROM EDRS.

OE-80047

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS5.280:80047, \$.30).

Pub Date - 67 61p.

Descriptors - *CASE STUDIES (EDUCATION); ADOPTION (IDEAS); *EDUCATIONAL CHANGE; TECHNICAL EDUCATION; *VOCATIONAL EDUCATION; AREA VOCATIONAL SCHOOLS; SLOW LEARNERS; PARAMEDICAL OCCUPATIONS; OCCUPATIONAL CLUSTERS; POST SECONDARY EDUCATION; EDUCATIONAL INNOVATION

Identifiers - SAN FRANCISCO; CALIFORNIA; *RICHMOND PRETECHNICAL PROGRAM; OHIO; GEORGIA; PHOENIX; ARIZONA; QUINCY; MASSACHUSETTS

Abstract - In recent efforts of the U.S. Office of Education to bridge the gap between development and adaptation of educational practice, visibility has been given to communities which have introduced new curriculums, teaching methods, and institutional patterns. Five locally initiated programs which have attempted to provide a flexibility of the educational system.....and education leaders at state and local levels. Quincy, Massachusetts, is an example of a city in which vocational education has shifted from training for a single skill to preparing individuals for a cluster of occupational skills. (JH)

If ED is followed by numbers, item has been announced in Research in Education. If ED is not followed by numbers, the issue of RIE in which the abstract is scheduled to appear follows the ED prefix.

Title of report.

Institutional Source--the organization responsible for the report.

Sponsoring Agency--would appear here if different than Institutional Source.

Grant Number and Program Area Number would appear on this line.

Commercial, institutional, and other sources of availability if known at time of printing. Cost is included.

Descriptors--the subject terms assigned by an indexer to characterize the contents of a report. Only the major terms, those preceded by an asterisk, are printed in the index.

Abstractor's Initials.

Availability Key for Materials Reported in ARM

| Accession Number: | Availability on Microfiche |
|---|--|
| ED number supplied | ERIC Document Reproduction Service (EDRS) provided the information is shown on EDRS price line. |
| ED appears with reference to an RIE issue (e.g., ED (See Aug. '69 RIE) | If a price is given for microfiche, the fiche is unavailable from EDRS (at time of printing) until an ED number is assigned and published in RIE. The issue of RIE in which the abstract is scheduled to appear follows the ED prefix. After assignment of numbers has been made by Central ERIC, the Conversion of Document Number Index in each succeeding issue of ARM will include numbers for documents listed with an ED and RIE date in the previous issue. |
| VT number only supplied | Available on microfiche in VT-ERIC set from EDRS as indicated. |
| Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume. | |

ERRATA

Several VT resumes in this issue include an incorrect availability statement. The correct availability statement for these documents is:

University Microfilms, Inc.
P.O. Box 1704
Ann Arbor, Michigan 48106

Following are the VT Numbers of these documents and their page locations in ARM Fall 1971:

| | |
|------------|-------|
| VT 012 004 | p. 15 |
| VT 012 060 | p. 19 |
| VT 012 445 | p. 39 |
| VT 012 462 | p. 40 |
| VT 012 483 | p. 43 |
| VT 012 558 | p. 49 |

TABLE OF CONTENTS

| | Page |
|--|------|
| PREFACE | iii |
| INTRODUCTION. | v |
| ABSTRACTS | 1 |
| INDEXES | 91 |
| SUBJECT INDEX. | 92 |
| AUTHOR INDEX | 148 |
| CONVERSION OF DOCUMENT NUMBER INDEX. | 179 |
| RESEARCH PROJECTS IN PROGRESS | 177 |

ABSTRACTS

15

VT 001 874

Practical Nursing Education. A Guide to the Improvement of Classroom Teaching and Testing. Pamphlet No. 2.

National Association for Practical Nurse Education and Service, Inc., New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
National Association for Practical Nurse Education and Service, Inc., 535 Fifth Avenue, New York, New York 10017.
PUB DATE - 67 48p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *PRACTICAL NURSING; TEACHER IMPROVEMENT; *EFFECTIVE TEACHING; TEACHING METHODS; COURSE OBJECTIVES; COURSE CONTENT; *EDUCATIONAL PLANNING; UNIT PLAN; *STUDENT EVALUATION; EVALUATION TECHNIQUES; TEST CONSTRUCTION

ABSTRACT - This publication was prepared by the National Association for Practical Nurse Education and Service to help teachers provide effective classroom instruction and evaluate student achievement. Part I, Developing Teaching Plans, contains suggestions and examples of using program objectives, developing course objectives, planning course content, teaching methods, and completing lesson plans. Part II, Developing and Using Written Tests, stresses the importance of evaluation and contains suggestions for developing plans, writing test items, providing for discrimination, scoring and grading, and using tests as guidelines for teaching. A selected bibliography is included. (SB)

VT 003 430 ED 050 225

Songe, Alice
Vocational Education--An Annotated Bibliography of Selected References, 1917-1966 (Below College).

Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.
OE-80046
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402
(FS5.280:80046, \$.30).
PUB DATE - 67 45p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; BOOKS; PERIODICALS; DOCTORAL THESES; *SUBJECT INDEX TERMS; *VOCATIONAL EDUCATION

ABSTRACT - This annotated bibliography, listing sources which trace the history of vocational education from the early 20th century to the close of 1966, is divided into three parts: (1) books and monographs, (2) periodical articles, and (3) doctoral dissertations. Citations contained in each of the three parts are arranged alphabetically and include materials developed from 1917 through 1966. Individual entries include author, title, place of publication, year, page listing, volume and issue number (for periodicals), and an annotation. Emphasis is placed on vocational education in general and teaching of vocational and technical education, and is intended for use by teachers, researchers, and administrators. A

subject index is included. (GEB)

VT 005 614

Lamb, Jean; Reber, Ray
Correspondence Unit as Used in Typing Audio Lab.

Abington High School, Pa. Business Education Dept.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 25Jul67 14p.

DESCRIPTORS - *BUSINESS EDUCATION; JOB SKILLS; *TYPEWRITING; WORK ATTITUDES; *ACADEMIC ACHIEVEMENT; *AUDIO ACTIVE LABORATORIES; TAPE RECORDINGS; SECONDARY EDUCATION; *PILOT PROJECTS; TESTS

ABSTRACT - This pilot project was prompted by the belief that students in an electronic audio lab will learn to type as well or better than students in a traditional typing classroom. Using grades as a method of analysis the six students in the experimental group did receive higher grades on individual lessons but lower grades on the tests. However, observations indicated that the students in the experimental group concentrated more closely on their work and were less easily distracted. This project indicates that taped instruction provides excellent training in the fundamental typing skills as well as the development of desirable attitudes and work skills.
(Author/JS)

VT 006 122 ED 050 226

Sanders, Lester E.
A Comparison of Two Methods of Preparing Youth for Employment: Cooperative Occupational Education Versus the Preparatory Vocational-Technical School.

Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
Missouri State Dept. of Education, Jefferson City.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 67 26p. Summary of Ed.D. dissertation; Missouri Univ., 1967.

DESCRIPTORS - *COOPERATIVE EDUCATION; *WORK EXPERIENCE; *TRADE AND INDUSTRIAL EDUCATION; *PROJECT TRAINING METHODS; FOLLOWUP STUDIES; *CURRICULUM EVALUATION; DOCTORAL THESES; COST EFFECTIVENESS; EMPLOYER ATTITUDES; STUDENT ATTITUDES; JOB SKILLS; JOB PLACEMENT; WAGES; CURRICULUM ACTIVITIES; PARENT ATTITUDES IDENTIFIERS - SPRINGFIELD; MISSOURI

ABSTRACT - To analyze and compare the cooperative occupational education and vocational-technical school programs and graduates in the Springfield, Missouri, public schools, information forms were sent to: (1) 268 graduates of the cooperative occupational education programs and 417 graduates of the vocational-technical school for the years 1961-1965, (2) their parents, and (3) present and past employers. Some conclusions were: (1) Vocational-technical programs seemed to have greater impact in maintaining student interest and improving

attitudes towards school, (4) Cooperative education graduates emphasized the development of desirable personal-social characteristics and vocational-technical graduates emphasized job skills and related knowledge, (3) Transition from school to full-time employment is made more quickly and easily through cooperative education programs, (4) A majority of vocational-technical graduates took advantage of unsupervised work experience programs while in high school, (5) After a period of adjustment, the vocational-technical graduates tended to return to the occupation for which they were trained in greater numbers, and (6) Cooperative education graduates tended to demonstrate more desirable personality traits, work habits, and a higher degree of occupational competency. (DM)

VT 007 470

The Development of a Total Program of Education for the World of Work. Part I: Rationale and Proposal for Involvement of Schools.

Delaware Occupational Research and Coordinating Unit, Dover.
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 68 25p.

DESCRIPTORS - *EDUCATIONAL PHILOSOPHY; *EDUCATIONAL OBJECTIVES; *VOCATIONAL EDUCATION; *CAREER PLANNING; PROGRAM DEVELOPMENT; OCCUPATIONAL INFORMATION; ELEMENTARY SCHOOL CURRICULUM; HIGH SCHOOL CURRICULUM; EDUCATIONAL PLANNING; GUIDANCE FUNCTIONS; INDUSTRIAL ARTS; POST SECONDARY EDUCATION

IDENTIFIERS - *WORLD OF WORK

ABSTRACT - The primary objective of this program is the preparation of individuals to cope with their physical, social, and political environment. Starting with kindergarten, the plan progresses on a graded or ungraded basis in developing the basic skills and social attitudes through instruction related to the world of work. At the high school level, the student can continue education aimed at later gainful employment, or he can immediately begin preparation for the world of work. All of this should leave open the possibility of entrance into colleges or universities. Also the student, after completion of the secondary education phase, could enter training as a foreman--supervisory, or possibly take trade--extension courses. Recommendations for developing a total program of education for the world of work are outlined. Future companion publications on curriculum development and teacher training, and a facilities and equipment guide are proposed. (GEB)

VT 008 016

Berman, Abraham J., And Others
Manpower Directions in New York State, 1965-75. Volume I.

New York State Dept. of Labor, Albany.

Research and Statistics Office.

MF AVAILABLE IN VT-ERIC SET.

Special Bull. 241

Publications Unit, Research and Statistics Office, New York State Department of Labor, State Office Building, Albany, New York 12201 (\$1.00).

PUB DATE - Mar68 25p.

DESCRIPTORS - *MANPOWER NEEDS; *MANPOWER UTILIZATION; *EMPLOYMENT TRENDS; OCCUPATIONAL CLUSTERS; MANPOWER DEVELOPMENT; EMPLOYMENT PATTERNS; EMPLOYMENT QUALIFICATIONS; WORKING WOMEN

IDENTIFIERS - *NEW YORK

ABSTRACT - Major changes are expected during the 1965-1975 decade in the labor force of New York State and in the manpower needs of New York State employers. There will be over a million new jobs by 1975; over 2 million existing jobs will become vacant through deaths and retirements. Most of these 3 million jobs will require some special vocational training and many of them will require training and education beyond high school. The additions to the labor force during the decade will consist primarily of young people under 25 and women 45 or over. During the decade, about 3,030,000 new persons are expected to enter the labor force in New York State. Of these, 1,985,000 will take the place of persons who have died or retired. The difference between the two figures is the expected net rise in the civilian labor force--1,045,000. Approximately 52 percent of the 3,030,000 new entrants will be men. In 1975 about 1,800,000 (59 percent) of the new entrants will be under 25. Extensive tables present the data. Volume II of this study, containing tables of estimates for each of the major areas of the state, is available as VT 008 017, also in this issue. (CH)

VT 008 017

Berman, Abraham J., And Others
Manpower Directions in New York State, 1965-1975. Job Requirements and Labor Force. Volume II: Areas of the State.

New York State Dept. of Labor, Albany.
Research and Statistics Office.

MF AVAILABLE IN VT-ERIC SET.

Special Bull. 241

PUB DATE - Mar68 286p.

DESCRIPTORS - *MANPOWER NEEDS; *MANPOWER UTILIZATION; *EMPLOYMENT PROJECTIONS; EMPLOYMENT PATTERNS; *LABOR FORCE; EMPLOYMENT TRENDS; OCCUPATIONS; INDUSTRY; *EMPLOYMENT STATISTICS; STATE SURVEYS; INDIVIDUAL CHARACTERISTICS

IDENTIFIERS - NEW YORK

ABSTRACT - In projecting manpower requirements by occupations for localities in New York State, calculations were made of past relations between employment trends by industry for the state and corresponding industry trends for the given area. These were then applied to the industry projections for the state. An industry-occupation matrix was applied to the resulting area-industry

projections to derive the occupational projections. The matrix used for an area was an adaptation of the statewide matrix. In all cases the area figures added up to the state totals. Local area estimates should be used with caution because (1) Labor force and industry movements within the state affect estimates, (2) Some state-wide data was not available broken down by area, (3) In an area with a small labor force, the entry of one industry may upset the area projections. A related document is VT 008 016, also in this issue. (CH)

VT 008 440 ED 033 194
SHAPOVALENKO, S.G., ED.
POLYTECHNICAL EDUCATION IN THE U.S.S.R.
MONOGRAPHS ON EDUCATION-III.

UNITED NATIONS EDUCATIONAL, SCIENTIFIC, AND
CULTURAL ORGANIZATION, PARIS (FRANCE).
DOCUMENT NOT AVAILABLE FROM EDRS.
UNIPUB, INC., P.O. BOX 433, NEW YORK, NEW
YORK 10016 (\$3.50)
PUB DATE - 63 443P.

DESCRIPTORS - COCURRICULAR ACTIVITIES;
CURRICULUM; *EDUCATIONAL CHANGE; *FOREIGN
COUNTRIES; GENERAL EDUCATION; PHYSICAL
FACILITIES; PREVOCATIONAL EDUCATION; TEACHER
EDUCATION; *TECHNICAL EDUCATION; *VOCATIONAL
EDUCATION
IDENTIFIERS - *UNION OF SOVIET SOCIALIST
REPUBLICS

ABSTRACT - IMPORTANT CHANGES IN SOVIET
EDUCATION SINCE THE 1958 REFORM HAVE BEEN
DESCRIBED IN DETAIL BY STAFF AND MEMBERS OF
THE ACADEMY OF PEDAGOGICAL SCIENCES OF THE
RUSSIAN SOVIET FEDERATIVE SOCIALIST REPUBLIC.
CHAPTERS INCLUDE: (1) MARXIST-LENINIST IDEAS
AND POLYTECHNICAL EDUCATION, (2) SOVIET
EXPERIENCE IN POLYTECHNICAL EDUCATION BEFORE
THE REFORM, (3) THE REORGANIZATION OF GENERAL
SECONDARY EDUCATION, (4) CREATION OF THE
MATERIAL AND TECHNICAL BASIS FOR COMMUNISM,
(5) THE NEW CURRICULA AND SYLLABUSES AS THE
BASIS FOR POLYTECHNICAL EDUCATION, (6) THE
TASKS, PRINCIPLES AND SCOPE OF POLYTECHNICAL
EDUCATION IN SOVIET SCHOOLS, (7) METHODS AND
FORMS OF ORGANIZATION OF POLYTECHNICAL
EDUCATION, (8) THE ROLE OF OUT-OF-CLASS AND
OUT-OF-SCHOOL WORK IN THE POLYTECHNICAL
EDUCATION OF SCHOOLCHILDREN, (9) THE
EDUCATIONAL VALUE OF POLYTECHNICAL TRAINING,
(10) THE MATERIAL FACILITIES OF POLYTECHNICAL
EDUCATION IN SOVIET SCHOOLS, AND (11) THE
TRAINING OF TEACHERS FOR POLYTECHNICAL
EDUCATION. REMAINING CHAPTERS DEAL WITH
POLYTECHNICAL EDUCATION AS ILLUSTRATED IN THE
TEACHING OF INDIVIDUAL SUBJECTS SUCH AS THE
SCIENCES, HISTORY, AND ENGINEERING PRACTICE.
(JK)

VT 008 571
A Blueprint for the Training of School Lunch
Personnel in the Indiana Public Schools.

Indiana Research and Development Coordinating
Unit for Vocational and Technical Education,
re Haute.
AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 25p.

DESCRIPTORS - *OCCUPATIONAL HOME ECONOMICS;
SERVICE OCCUPATIONS; *LUNCH PROGRAMS; *FOOD
SERVICE WORKERS; NUTRITION INSTRUCTION; FOODS
INSTRUCTION; PROGRAM ADMINISTRATION; *ADULT
VOCATIONAL EDUCATION; *PROGRAM GUIDES;
PROGRAM DESCRIPTIONS; PILOT PROJECTS
IDENTIFIERS - INDIANA SCHOOL LUNCH PROGRAM

ABSTRACT - As an aid to school
administrators, the School Lunch Division of
the Department of Public Instruction prepared
a blueprint for the training of school
personnel. The plan proposes to supplement
the usual and necessary orientation program
or on-the-job training with indepth training
and education. The training offered through
the blueprint has been pretested in two pilot
programs which were held at New Castle and at
Indianapolis, both of which trained area
personnel in a basic nutrition course offered
by well qualified instructors. The local
school lunch fund financed the training
program. Administrative procedures and
policies are suggested to develop and
initiate a school lunch personnel training
program. (FP)

VT 009 178
Ohio Employment Information Series: Part II,
Training Directory, 1969.

Ohio State Bureau of Employment Services,
Columbus.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 158p.

DESCRIPTORS - *DIRECTORIES; OCCUPATIONAL
INFORMATION; *TRAINING; *PROGRAM
DESCRIPTIONS; ADULT VOCATIONAL EDUCATION;
VOCATIONAL EDUCATION; APPRENTICESHIPS;
CORRESPONDENCE COURSES; CURRICULUM; JOB
TRAINING; *OCCUPATIONAL GUIDANCE; *POST
SECONDARY EDUCATION; SECONDARY EDUCATION;
STATE PROGRAMS; FEDERAL PROGRAMS
IDENTIFIERS - *OHIO

ABSTRACT - This directory lists training
programs available through public and private
facilities in Ohio. The types of programs
described herein include those offered in
colleges and universities, in business
schools, through apprenticeship training,
through home study schools, those available
through special vocational education
programs, and several federal and state
funded training and employment programs. This
directory should be useful to employment
services personnel, junior and senior high
school counselors, and public librarians with
needs for occupational information, and
should be supplemented with current local
information. This directory replaces the 1968
issue, which is available as ED 025 610 (May
1969 RIE). Parts I and III of the directory
are available as ED 025 609 and ED 025 611
(VT 006 275 and VT 006 277, respectively,
both in ARM Fall 1970). (CH)

VT 009 597
Communication: Effective Application of
Innovative Teaching Media.

Ball State Univ., Muncie, Ind. Dept. of Business Education and Office Administration. MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 68 20p. Proceedings of the 45th Annual Business Education Conference and the 29th Annual Business Education Exhibit (November 15-16, 1968).

DESCRIPTORS - *BUSINESS EDUCATION; *INSTRUCTIONAL MATERIALS; *CONFERENCE REPORTS; *COMPUTERS; *SYSTEMS APPROACH; TELEVISED INSTRUCTION; TRANSPARENCIES; EDUCATIONAL INNOVATION
IDENTIFIERS - *FORTY FIFTH ANNUAL BUSINESS EDUCATION CONFERENCE AND THE 29TH ANNUAL BUSINESS EDUCATION EXHIBIT, NOVEMBER 15-16, 1968, MUNCIE, INDIANA

ABSTRACT - At the 2-day conference, business education teachers were encouraged to improve their classroom performance by innovatively using teaching media such as closed circuit television, transparencies, and models. New developments identified as having significant importance to business education were the computer and the systems approach to curriculum development. Presentations were: (1) "This Age of Acceleration" by P. Pair, (2) "Television for Teaching Skills" by M. Betterman, (3) "Now! Transparencies Show This" by R. Swanson, (4) "The Therapy of Laughter" by J. Wick, (5) A television program "Roads to Learning--The Hagerstown VE Program," (6) "A Five-and-Ten Addition to Transparencies" by P. Schmidt, (7) "New Developments in Business Education," a telelecture by P. Bangs, and (8) "We pierce the Wall" by L. Hollis. (JS)

VT 009 757

Graduate Follow Up; Statistical Data on Connecticut Students Completing Vocational Programs in 1968.

Connecticut State Dept. of Education, Hartford. Div. of Vocational Education. MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 58p.

DESCRIPTORS - *FOLLOWUP STUDIES; *VOCATIONAL EDUCATION; SECONDARY EDUCATION; POST SECONDARY EDUCATION; *STATE SURVEYS; TABLES (DATA); GRADUATE SURVEYS; *EMPLOYMENT PATTERNS; PLACEMENT; WORK EXPERIENCE PROGRAMS; *VOCATIONAL FOLLOWUP; WAGES; UNEMPLOYMENT
IDENTIFIERS - CONNECTICUT

ABSTRACT - Placement data for all seven vocational fields and the diversified work experience program are presented in tabular form for graduates of vocational-technical and local high schools and technical, community, and 4-year state colleges. Of the graduates from 143 schools who were available for placement, 83.7 were employed in occupations for which they were trained or in related occupations at an average hourly wage of \$2.08. Graduates employed in non-related occupations numbered 12.6 percent, graduates continuing their education on a full-time is represented 29.8 percent, and only 127 duates, or 1.2 percent, were unemployed.

VT 009 922 ED 034 874

Horyna, Larry L., And Others
Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development.

Rocky Mountain Educational Lab., Inc., Greeley, Colo.
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$3.29
OEC-4-7-062828-30-63 24
BR-6-2828
PUB DATE - Aug69 38p.

DESCRIPTORS - *HUMAN RESOURCES; *MANPOWER DEVELOPMENT; *EDUCATIONAL CHANGE; *PUBLIC SCHOOLS; *CAREER PLANNING; VOCATIONAL EDUCATION; EDUCATIONAL INNOVATION; EDUCATIONAL PHILOSOPHY; MODELS; EDUCATIONAL OBJECTIVES; PROGRAM EVALUATION; BIBLIOGRAPHIES
IDENTIFIERS - *COOPERATIVE CAREER PLANNING; CCP

ABSTRACT - AS an approach to solving the problem of under-utilization of human resources, the Cooperative Career Planning (CCP) concept stresses the role of the public school system in the coordination of available educational resources with potential job-training work stations in a given community or geographic area. In this way the community could become a laboratory for learning experiences available to everyone, regardless of age or socioeconomic condition. This position paper presents a brief review of existing manpower programs and policies, proposed objectives and organizational structure of the CCP, a model for evaluation, and a selected bibliography. A related document is available as ED 034 881 or VT 009 940 (also in this issue). (CD)

VT 009 939 ED 034 880

Occupational Education Program; Image of the World of Work, Volume I. Description of Teacher Orientation Activities, Treatment Description.

Rocky Mountain Educational Lab., Inc., Greeley, Colo.
Colorado State Univ., Ft. Collins.
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$6.58
OEC-4-7-062828-30-63 24
BR-6-2828
PUB DATE - Aug69 130p.

DESCRIPTORS - *VOCATIONAL DEVELOPMENT; *JUNIOR HIGH SCHOOL STUDENTS; *TEACHER ORIENTATION; *INTEGRATED CURRICULUM; *CAREER PLANNING; CHANGING ATTITUDES; EDUCATIONAL PLANNING; EDUCATIONAL INNOVATION; VOCATIONAL EDUCATION; TEACHER SEMINARS; INSERVICE TEACHER EDUCATION; MODELS; TEACHING GUIDES; QUESTIONNAIRES

ABSTRACT - The objective of this first phase of the occupational education program was to influence work-relevant attitudes, concepts, and information through 89 teachers and principals representing 11 junior high

schools and eight states. The junior high schools ranged in size from small to large, in locale from isolated to urban and suburban. The pupil population of the schools included various concentrations of ethnic and socioeconomic groups. The series of teacher orientation conferences resulted in guidelines for the assessment of progress toward the objectives of the Image of the World of Work program, a list of concerns most frequently noted, and objectives for a series of followup meetings. A wide variety of material used in the program, bibliographies, and related information are appended. Volumes II and III are available as ED 034 885 or VT 009 986 and ED 034 884 or VT 009 985 respectively (both in this issue). "The World of Working and Learning," a position paper which provides an overview of all three phases of the project, is available as ED 034 881 or VT 009 940 (also in this issue). (CH)

VT 009 940 ED 034 881
Bush, Donald O., And Others
The World of Working and Learning.

Rocky Mountain Educational Lab., Inc.,
Greeley, Colo.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$3.29
OEC-4-7-062828-30-63 24
BR-6-2828
PUB DATE - Jun 69 24p.

DESCRIPTORS - *CAREER PLANNING; *VOCATIONAL EDUCATION; *GENERAL EDUCATION; *INTEGRATED CURRICULUM; *MODELS; EDUCATIONAL PLANNING; EDUCATIONAL INNOVATION; VOCATIONAL DEVELOPMENT; EVALUATION; LEARNING; COOPERATIVE EDUCATION

ABSTRACT - This position paper presents guidelines for an approach to career planning which integrates educational experiences with the world of work and job requirements, based on models developed in 1968 for the purpose of planning the "Image of the World of Work" program. It provides the rationale and the application of the models for general work-production and presents a guide for planning, work process, and evaluation. The three components of the occupational education program are: (1) "The Image of the World of Work," designed to help teachers emphasize work-relevant attitudes and occupational information throughout a student's total school experience, (2) The Occupational Clusters Curriculum, designed to create and test a scheme for the development of occupational education curriculum based on a career cluster concept at secondary school level, and (3) Cooperative Career Planning, a concept which stresses coordination of all relevant community resources so that all individuals might have the opportunity for job entry, continuous education, and upward occupational mobility. Related documents concerning these components are ED 034 880 or VT 009 939, ED 034 885 or VT 009 986, ED 034 881 or VT 009 985, and ED 034 874 or VT 009 940 (all in this issue). (CH)

VT 009 985 ED 034 884
Occupational Education Programs; Image of the World of Work, Volume III. Lesson Plans: Resource File.

Rocky Mountain Educational Lab., Inc.,
Greeley, Colo.
Colorado State Univ., Ft. Collins.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$6.58
OEC-4-7-062828-30-63 24
BR-6-2828
PUB DATE - Aug 69 128p.

DESCRIPTORS - *VOCATIONAL DEVELOPMENT; *JUNIOR HIGH SCHOOL STUDENTS; *TEACHING GUIDES; TEACHER ORIENTATION; INTEGRATED CURRICULUM; *LESSON PLANS; PROGRAM EVALUATION; EDUCATIONAL PLANNING; EDUCATIONAL INNOVATION; VOCATIONAL EDUCATION; TEACHER SEMINARS; INSERVICE TEACHER EDUCATION; MODELS; QUESTIONNAIRES

ABSTRACT - This third volume of the Image of the World of Work program presents guidelines for the development of lesson plans by participating teachers and representative lesson plans which were developed. Lessons were planned within the existing content of seventh grade language arts and social studies--35 lesson plans for language arts, 20 for social studies, and 4 miscellaneous. The components of these lessons were to include cognitive objectives, occupational information, attitudinal objectives, student tasks, and evaluation of lesson effectiveness. Volumes I and II are available as ED 034 880 or VT 009 939 and ED 034 885 or VT 009 986 respectively (both in this issue). "The World of Work and Learning," a position paper which provides an overview of all three phases of the project, is available as ED 034 881 or VT 009 940 (also in this issue). (CH)

VT 009 986 ED 034 885
Occupational Education Programs; Image of the World of Work, Volume II. Development of Instruments and Evaluation.

Rocky Mountain Educational Lab., Inc.,
Greeley, Colo.
Colorado State Univ., Ft. Collins.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$6.58
OEC-4-7-062828-30-63 24
BR-6-2828
PUB DATE - Aug 69 154p.

DESCRIPTORS - *VOCATIONAL DEVELOPMENT; *JUNIOR HIGH SCHOOL STUDENTS; *TEACHER ORIENTATION; *INTEGRATED CURRICULUM; *CHANGING ATTITUDES; PROGRAM EVALUATION; LESSON PLANS; EDUCATIONAL PLANNING; EDUCATIONAL INNOVATION; VOCATIONAL EDUCATION; TEACHER SEMINARS; MODELS; INSERVICE TEACHER EDUCATION; INSTRUCTIONAL AIDS; QUESTIONNAIRES

ABSTRACT - This second volume of the Image of the World of Work program reports the development of instruments, evaluation design, changes in teachers' attitudes toward work associated with participation in

workshops, lesson plans, changes in pupil scores in relation to characteristics of their teachers, data analysis, and generalizations on the outcomes of the intervention activities. Generally there was a movement toward more desirable or mature attitudes by all of the students in both the project and control groups. As expected, girls scored more in the desirable or favorable direction than did boys. Fifty tables supplement the narrative information. Volumes I and III are available as ED 034 880 or VT 009 939 and ED 034 884 or VT 009 985 respectively (both in this issue). "The World of Work and Learning," a position paper which provides an overview of all three phases of the project, is available as ED 034 881 or VT 009 940 (also in this issue). (CH)

VT 010 385 ED 038 505
APPRENTICESHIP PAST AND PRESENT.

MANPOWER ADMINISTRATION (DOL), WASHINGTON,
D.C. BUREAU OF APPRENTICESHIP AND TRAINING.
EDRS PRICE MF-\$0.25 HC-\$1.30
PUB DATE - 69 24P.

DESCRIPTORS - *APPRENTICESHIPS; *HISTORICAL
REVIEWS; LABOR LEGISLATION; *RECORDS (FORMS)

ABSTRACT - FOR THOUSANDS OF YEARS MEN HAVE TRANSFERRED SKILLS FROM ONE GENERATION TO ANOTHER BY APPRENTICESHIPS. IN EGYPT, GREECE, ROME, EUROPE, AND FINALLY IN THE UNITED STATES APPRENTICESHIPS BECAME AN ACCEPTED PRACTICE. IN THE UNITED STATES IN THE 1700'S POOR BOYS 14 YEARS OR YOUNGER WERE OFTEN INDENTURED TO MASTERS WHO AGREED TO TEACH THEM A TRADE. THEY WERE USUALLY BOUND TO THEIR MASTERS UNTIL THEY WERE 21 YEARS OLD, AND RECEIVED TRAINING IN CRAFTS SUCH AS LEATHER WORK AND CARPENTRY. AFTER THE TIME OF THE INDUSTRIAL REVOLUTION, DOMESTIC APPRENTICESHIPS DISAPPEARED AND WAGES WERE PAID TO EMPLOYERS IN GROWING INDUSTRIES SUCH AS IRON FOUNDRIES, SHIP BUILDING, AND PRINTING SHOPS. LAWS PASSED IN THE 1920'S AND 30'S REGULATE APPRENTICESHIPS. TODAY THE APPRENTICE IS PART OF A PRODUCTION FORCE, TRAINS ON THE JOB AND IN A CLASSROOM, AND IS PAID WAGES. APPRENTICESHIP IS AND WILL CONTINUE TO BE ONE OF THE BEST WAYS OF TRAINING SKILLED CRAFTSMEN. VARIOUS PROGRAMS HAVE BEEN SET UP TO AID THE DISADVANTAGED IN OBTAINING APPRENTICE TRAINING, INCLUDING INFORMATION CENTERS, PREPARATORY COURSES, AND PREJOB PROGRAMS. (BC)

VT 010 482
Questionnaire for Review of Curricula in
Engineering Technology.

Engineers' Council for Professional
Development, Inc., New York, N.Y. Engineering
Technology Committee.
MF AVAILABLE IN VT-ERIC SET.
Engineers Council for Professional
Development, 345 East 47th Street, New York,
New York 10028.
PUB DATE - ND 26p.

DESCRIPTORS - *ENGINEERING TECHNOLOGY;
TECHNICAL EDUCATION; *QUESTIONNAIRES;

*CURRICULUM EVALUATION

ABSTRACT - Introductory material describes types of accreditation granted for approved curriculums in engineering technology by the Engineers' Council for Professional Development. Procedures are also given for institutions to follow in obtaining council accreditation. The major portion of the document consists of the questionnaire to be completed by the institution for submission to the council. Sections request information concerning administrative organization, funding, faculty policy, physical facilities, admission requirements, graduation requirements, and placement services. Related documents are ED 039 324 or VT 010 481 (Aim Spring 1971) and VT 010 483 (also in this issue). (GR)

VT 010 483
Manual of Evaluation Procedures and
Instructions.

Engineers' Council for Professional
Development, Inc., New York, N.Y. Engineering
Technology Committee.
MF AVAILABLE IN VT-ERIC SET.
Engineers Council for Professional
Development, 345 East 47th Street, New York,
New York 10028.
PUB DATE - 69 40p.

DESCRIPTORS - *ACCREDITATION (INSTITUTIONS);
EVALUATION CRITERIA; *EVALUATION TECHNIQUES;
*CURRICULUM EVALUATION; *ENGINEERING
TECHNOLOGY; TECHNICAL EDUCATION; GUIDELINES;
RECORDS (FORMS); *MANUALS

ABSTRACT - This manual outlines procedures for evaluation teams to use in determining whether a school's engineering technology curriculum is deserving of the Engineers' Council for Professional Development (ECPD) accreditation. Duties and responsibilities of evaluation team members are discussed, and guidelines are given for preparing and submitting the necessary reports. Before using this manual, the evaluator must first become familiar with the official objectives, procedures, and criteria for accreditation which appear in the current annual report of ECPD. Various sample forms for use by the evaluating team are appended. (GR)

VT 010 584
Barlow, Melvin L.
Principles of Vocational Education.

American Vocational Association, Washington,
D.C.
MF AVAILABLE IN VT-ERIC SET.
Publication Sales, American Vocational
Association, 1510 H Street, N.W., Washington,
D.C. 20005 (\$1.50).
PUB DATE - Nov 69 8p.

DESCRIPTORS - *HISTORICAL REVIEWS;
*VOCATIONAL EDUCATION; *FEDERAL LEGISLATION;
*FEDERAL AID; *FEDERAL PROGRAMS; EDUCATIONAL
PRINCIPLES
IDENTIFIERS - *VOCATIONAL EDUCATION ACT OF
1968

ABSTRACT - Vocational education as it exists today had its origin in the early 1900's. The National Society for the Promotion of Industrial Education was formed to promote vocational-industrial education in the public schools in 1906. From this early period the program has grown from a training program for high school students and employed adults to a program at secondary and post secondary levels for in-school youth, out-of-school youth and adults, the employed, unemployed, handicapped, and disadvantaged. In 1968 a comprehensive Vocational Education Act was passed which authorized Federal grants to assist states in maintaining, extending, and improving existing programs and to develop new programs. Federal funding of vocational education programs increased from \$55 million dollars in 1963 to \$279 million in 1968. However in 1968 the Federal budget provided \$650 million for manpower programs which aided only about 10 percent of the number of people served by vocational education. (BC)

VT 010 912

Rogers, James P.; Thorne, H. Walter
The Development and Evaluation of an Improved Electronics Troubleshooting Manual. Technical Report 65-1.

George Washington Univ., Alexandria, Va.
Human Resources Research Office.
Department of the Army, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Mar65 61p.

DESCRIPTORS - *MATERIAL DEVELOPMENT;
*ELECTRONICS; *EQUIPMENT EVALUATION; TRADE
AND INDUSTRIAL EDUCATION
IDENTIFIERS - HUMAN RESOURCES RESEARCH
OFFICE; HUMRRO; *ELECTRONICS TROUBLESHOOTING
MANUAL

ABSTRACT - Research was conducted to develop an improved maintenance manual for use in training technicians to troubleshoot modern electronic equipment faster and more accurately, and to specify procedures for preparing such manuals. First, on the basis of a review of literature, hypotheses were developed concerning the information to be included and methods of presenting and organizing this information. From this, an experimental manual was prepared for use with an experimental group of inexperienced technicians while a control group used standard schematic and functional diagrams and personal notes. Based on results of an objective test administered to the two groups, a list of desirable contents for troubleshooting manuals was developed, and procedures for preparing manuals of this type were written. The new manuals were thought to be better because they include some information not previously included, and because the information is organized according to when it will be needed in troubleshooting. Examples of suggested contents for troubleshooting manuals are given along with a bibliography and malfunctions used in testing the manual. (DM)

VT 011 111 EC 050 227
Automation and Women Workers.

Women's Bureau (DOL), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
Women's Bureau, Wage and Labor Standards
Administration, Department of Labor,
Washington, D.C. (no charge)
PUB DATE - Feb70 17p.

DESCRIPTORS - *MANPOWER UTILIZATION;
*FEMALES; *EMPLOYMENT TRENDS; *TECHNOLOGICAL
ADVANCEMENT; *AUTOMATION; EMPLOYMENT; SKILL
OBsolescence; UNEMPLOYMENT; VOCATIONAL
EDUCATION; OCCUPATIONAL GUIDANCE; WAGES;
WORKING HOURS; LEISURE TIME; SAFETY; CHILD
CARE

ABSTRACT - To determine the repercussions of scientific and technological progress on the employment of women and their conditions of work, the Women's Bureau used available statistical data from 1958-68 to study: (1) Employment and Unemployment, (2) Vocational Guidance and Training, (3) Training and Retraining of Older Women, (4) Remuneration, (5) Hours of Work and Leisure, (6) Safety and Health, and (7) Child Care. Some major findings were: (1) In 1968 more women were engaged in office and service work (excluding household work) and relatively fewer in farm, sales, and factory work, (2) For women in professional and service work, the influence of automation has been less pronounced than for those in clerical, factory, sales, and farm jobs, (3) The declining importance of some occupations has emphasized the urgent need to update and extend the vocational guidance and training provided women and girls, (4) Because of scientific and technological changes, many older women interested in working have found it necessary to resume education and training, and (5) Technological advances appear to have had virtually no influence on the provision of child care. (SB)

VT 011 139 ED 050 229
Jobfinding Techniques for Mature Women.

Women's Bureau (DOL), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
Pamph-11
Women's Bureau, Wage and Labor Standards
Administration, Dept. of Labor, Washington,
D.C. (no charge).
PUB DATE - Feb70 43p.

DESCRIPTORS - *JOB APPLICANTS; MIDDLE AGED;
*FEMALES; *JOB APPLICATION; EMPLOYMENT
INTERVIEWS; EMPLOYMENT QUALIFICATIONS;
*GUIDELINES; EDUCATIONAL OPPORTUNITIES;
*OCCUPATIONAL GUIDANCE

ABSTRACT - Written by the Chief of Special Projects of the Women's Bureau as a guide for assisting the mature woman in preparing for and finding employment, this pamphlet contains sections on: (1) How to Do a Self-Inventory, (2) How to Prepare a Resume, (3) The Jobhunt, (4) How to Prepare a Letter of Application, (5) Guides to an Effective Interview, and (6) Training Opportunities. Selected readings and addresses of agencies

and organizations are appended. (SB)

VT 011 301 ED 041 128
NATIONAL CONFERENCE ON THE USE OF
AUDIOVISUALS IN MEDICAL EDUCATION,
PROCEEDINGS (UNIVERSITY OF ALABAMA MEDICAL
CENTER, BIRMINGHAM, AUGUST 6-8, 1969).

ALABAMA UNIV., BIRMINGHAM, MEDICAL CENTER.
NATIONAL INST. OF HEALTH (DHEW). BETHESDA,
MD. DIV. OF PHYSICAL MANPOWER.
EDRS PRICE MF-\$0.75 HC-\$8.55
PUB DATE - AUG 69 169P.

DESCRIPTORS - *AUDIOVISUAL AIDS; *AUDIOVISUAL
COMMUNICATION; *CONFERENCE REPORTS; *MEDICAL
EDUCATION; RESOURCE CENTERS; SPEECHES

ABSTRACT - THE 39 MEDICAL EDUCATORS ATTENDED
A 2-DAY CONFERENCE TO RESOLVE SOME OF THE
DISPARITY WHICH EXISTS IN THE KNOWLEDGE AND
UTILIZATION OF AUDIOVISUAL AIDS AND TO DEFINE
THE ROLE OF LEARNING RESOURCE CENTERS. MAJOR
PRESENTATIONS WERE: (1) "THE CONTINUING
CONFUSION IN COMMUNICATIONS" BY J.P. WOLKER,
(2) "VISUAL SYSTEMS: PRO AND CON" BY R.S.
CRAIG, (3) "APPLICATION OF AUDIOVISUAL
TECHNOLOGY IN MEDICAL EDUCATION" BY N.L.
COLE, (4) "CONCEPTS IN COMMUNICATION: A
MULTI-SCREEN PRESENTATION" BY E.W. MURPHY AND
J.W. PARKER, AND (5) "STANDARDIZATION: THE
MANUFACTURER'S VIEWPOINT" BY R.H. BELL AND M.
WATERBOR. IN ADDITION, FOUR PANEL DISCUSSIONS
WERE HELD ON THE TOPICS OF BASIC SCIENCE
EDUCATION AND AUDIOVISUALS, THE USE OF
AUDIOVISUALS IN CLINICAL TEACHING, HOSPITALS,
AND MEETING THE NEEDS OF CONTINUING
EDUCATION. PARTICIPANTS RECOMMENDED THAT A
NATIONAL RESOURCE CENTER BE ESTABLISHED TO
SERVE AS A REPOSITORY FOR INFORMATION ABOUT
AVAILABLE AUDIOVISUALS. FURTHER,
OPPORTUNITIES SHOULD BE PROVIDED FOR
IDENTIFYING LEARNER NEEDS AND WANTS AND FOR
DEFINING TEACHING OBJECTIVES. FINALLY,
EDUCATORS MUST EXERT LEADERSHIP IN SETTING UP
STANDARDS AND GUIDELINES FOR SELECTION AND
UTILIZATION OF AUDIOVISUAL MEDIA. (SB)

VT 011 375 ED 050 230
Graduate, Then What--Jobs in Health. A Report
on the Use of Radio as a Recruitment Tool for
the Health Occupations.

National Institutes of Health, Washington,
D.C. Div. of Physician Manpower.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 70 20p.

DESCRIPTORS - *HEALTH OCCUPATIONS;
*DISADVANTAGED YOUTH; MANPOWER NEEDS;
*RECRUITMENT; EMPLOYMENT OPPORTUNITIES;
*EDUCATIONAL RADIO; CAREER PLANNING;
*OCCUPATIONAL GUIDANCE; PILOT PROJECTS

ABSTRACT - To evaluate the use of radio as a
means of recruiting minority students into
the health fields, 11 schools in the San
Francisco Bay Area were selected to
participate in a program of weekly radio
broadcasts studying 11 health professions
with manpower shortages. A combination panel
and question and answer format was used for
the broadcasts. Meetings were held with

school representatives before the program
began to discuss topics, objectives, and
other technical matters as well as after the
fourth broadcast to assess reactions and
difficulties encountered. A followup survey
was conducted after the series ended.
Although attendance figures and other
statistical data were incomplete, the project
staff reported that the programs were
effective in producing interest and
enthusiasm, particularly in schools in which
faculty and administrators took a personal
interest in helping disadvantaged students
examine their interests and capabilities.
Results demonstrate that two-way radio
broadcasts are a promising means of
recruiting disadvantaged students into the
health professions. Recommendations are
provided for planning, staff, physical
arrangements, criteria for panelists, student
participation, publicity, followup,
coordination, and reporting procedures. (SB)

VT 011 471 ED 050 231
Diamond, Daniel E.; Bedrosian, Hrach
Industry Hiring Requirements and the
Employment of Disadvantaged Groups.

New York Univ., N.Y. School of Commerce.
Manpower Administration (DOL), Washington,
D.C.

DOCUMENT NOT AVAILABLE FROM EDRS.
National Technical Information Service,
Operations Division, Springfield, Va. 22151
(PB191278, MF \$0.95, HC \$3.00).
PUB DATE - 70 399p.

DESCRIPTORS - *EMPLOYMENT OPPORTUNITIES;
*DISADVANTAGED GROUPS; *EMPLOYMENT
QUALIFICATIONS; PROMOTION (OCCUPATIONAL);
*MANPOWER UTILIZATION; UNEMPLOYED; MINORITY
GROUPS; NEGRO EMPLOYMENT; SAMPLING;
*OCCUPATIONAL SURVEYS
IDENTIFIERS - NEW YORK CITY; ST. LOUIS

ABSTRACT - In an attempt to improve the
economic well-being of the disadvantaged,
this study investigated the possibility that
excessive hiring requirements might be a
major factor in unemployment of particular
groups in the population. This was
accomplished by surveying a random sample of
employers in 10 major entry and near-entry
level occupations in the New York and St.
Louis Standard Metropolitan Statistical
Areas. Accuracy was assured by a 14-month
pretest evaluation of research design and
materials, and the collected data were
analyzed to compare variations in hiring
requirements with measures of job
performance. The study found that
artificially high employment standards
probably have hurt both the disadvantaged and
the industry itself by creating manpower
shortages. Better matching of skills and jobs
could reduce turnover, relieve manpower
shortages, and increase employment. (BH)

VT 011 472
Resnick, Harold S.
The Implementation of Flexible Modular
Scheduling for Industrial Education.

Wayne State Univ., Detroit, Mich. Dept. of Industrial Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Apr70 22p.

DESCRIPTORS - *INDUSTRIAL EDUCATION;
*FLEXIBLE SCHEDULING; *SCHEDULE MODULES;
*NATIONAL SURVEYS; DOCTORAL THESES;
BIBLIOGRAPHIES; SECONDARY SCHOOLS
IDENTIFIERS - *FLEXIBLE MODULAR SCHEDULING

ABSTRACT - "The Implementation of Flexible Modular Scheduling for Industrial Education" is summarized. For abstract of full report, see ED 043 738 (VT 011 473, ARM Spring 1971). (GR)

VT 011 583
Wileman, Fred A., Ed.
Guidelines for Discretion. Five Models for Local Law Enforcement Agencies.

Wisconsin Univ., Madison. Inst. of Governmental Affairs.
MF AVAILABLE IN VT-ERIC SET.
University Extension Bookstore, 432 North Lake Street, Madison, Wisconsin 53706 (\$1.00).
PUB DATE -- 70 66p.

DESCRIPTORS - *LAW ENFORCEMENT; POLICE SEMINARS; *POLICY FORMATION; *GUIDELINES; POLICE ACTION; CIVIL DISOBEDIENCE

ABSTRACT - These five essays are meant to provide a basis for policy formulation by local law enforcement agencies. Resulting from a 1967 seminar on the problems of discretionary law enforcement, the papers cover: (1) "Shoplifting" by E.O. Wolff, (2) "Confinement" by G. Kosalos, (3) "Life Saving Devices" by H. Hettrick, (4) "Use of Force" by J. Mizerka and J. Wolff, and (5) "Crowds and Demonstrations" by J. Pandre and R. Foote. (BH)

VT 011 591 ED 048 433
Bruck, Arlene
Organizational Role Behaviour. Second Edition.

McGill Univ., Montreal (Quebec). Industrial Relations Centre.
Canadian Dept. of Regional Economic Expansion, Ottawa (Ontario)
EDRS PRICE MF-\$0.65 HC-\$6.58.
PUB DATE - 70 104p.

DESCRIPTORS - *ROLE THEORY; *PERFORMANCE FACTORS; SUCCESS FACTORS; *BEHAVIOR PATTERNS; *OCCUPATIONAL CLUSTERS; JOB SATISFACTION; ORGANIZATIONS (GROUPS); VOCATIONAL ADJUSTMENT

ABSTRACT - This report identifies factors which influence workers' behavior so that job performance and success are affected. In particular, the study resolves questions concerning talent development, occupational allocation, adaptability of workers, worker satisfaction, and performance. A detailed review of the literature is included. Questions are made for generalizing the variables to fit in various organizational

contexts. Related documents are available as VT 011 592-011 595, also in this issue. (BH)

VT 011 592 ED 048 434
Barrados, Maria
Autonomy in Work. Second Edition.

McGill Univ., Montreal (Quebec). Industrial Relations Centre.
Canadian Dept. of Regional Economic Expansion, Ottawa (Ontario). Social and Human Analysis Branch
EDRS PRICE MF-\$0.65 HC-\$3.29.
PUB DATE - Mar70 54p.

DESCRIPTORS - *LITERATURE REVIEWS; RESEARCH REVIEWS (PUBLICATIONS); *JOB SATISFACTION; *AFFECTIVE BEHAVIOR; SOCIAL FACTORS; ECONOMIC FACTORS; *PERFORMANCE; *JOB TRAINING; RESOURCE ALLOCATIONS; MOTIVATION

ABSTRACT - The study gives the findings from a careful review of the available literature on autonomy on the job, its related behavioral responses, and the socioeconomic factors in the background of the worker which vary from low to high autonomy jobs. The document also provides a list of major organizational variables which social scientists have identified as affecting success and performance, and an analysis of how the variables affect behavior. Suggestions are made about the provision of a theoretical abstraction of the variables to make them applicable in diverse organizational contexts. The study is expected to clarify partially some questions relating to talent development, occupational allocation, adaptability of workers, training of workers, worker satisfactions, and performance. Related documents are available as VT 011 591-011 595, also in this issue. (Author/JS)

VT 011 593 ED 048 435
Heller, Anita
The Formal Environments for Learning: Schools, Colleges, and Universities. Second Edition.

McGill Univ., Montreal (Quebec). Industrial Relations Centre.
Canadian Dept. of Regional Economics Expansion, Ottawa (Ontario). Social and Human Analysis Branch
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Mar70 36p.

DESCRIPTORS - *LITERATURE REVIEWS; RESEARCH REVIEWS (PUBLICATIONS); *JOB SATISFACTION; *AFFECTIVE BEHAVIOR; SOCIAL FACTORS; ECONOMIC FACTORS; PERFORMANCE; MOTIVATION; *SCHOOL ENVIRONMENT; SCHOOL ORGANIZATION; REWARDS; *STUDENT CHARACTERISTICS; TEACHER CHARACTERISTICS

ABSTRACT - A tentative hypothesis growing out of the study of the transition from school to work has been that it is the type of articulation between the institution of school and that of the work-place which determines a smooth or rocky transition. Thus, this review of literature concerns

itself with the characteristics of the learning environment with the emphasis on the social structure of the school as it affects the learning and behavior of the student both in the present and future. The study was expected to clarify partially some questions relating to talent development, occupational allocation, adaptability of workers, training of workers, worker satisfactions, and performance. The conclusion to be drawn from the study is that the particular structural features of an educational institution such as the values and goals, the system of authority and control, the reward system, the actual organizational subdivision within the system, as well as its size, the recruitment and characteristics of students, teachers, and administrators all combine to produce a particular educational experience. Variations in any of these should produce a different outcome. Related documents are available as VT 011 591-VT 011 595, also in this issue. (Author/JS)

VT 011 594 ED 048 436

Ryant, Joseph C.
Work Organizations, Behavior and Attitudes.
Second Edition.

McGill Univ., Montreal (Quebec). Industrial Relations Centre.
Canadian Dept. of Regional Economic Expansion, Ottawa (Ontario). Social and Human Analysis Branch
EDRS PRICE MF-\$0.65 HC-\$6.58.
PUB DATE - Mar70 199p.

DESCRIPTORS - *LITERATURE REVIEWS; *WORK ATTITUDES; *BEHAVIOR PATTERNS; MANPOWER UTILIZATION; BEHAVIOR STANDARDS; MODELS; JOB TRAINING; *JOB SATISFACTION; *MANPOWER DEVELOPMENT

ABSTRACT - Hoping to clarify partially some of the questions relating to talent development, occupational allocation, adaptability of workers, training of workers, worker satisfactions and performance, a search of related literature was conducted by dividing the material into five major categories: (1) technology, (2) organizational structure, (3) intrapersonal factors, (4) environmental factors, and (5) interpersonal factors. The results of this study are intended for: (1) classifying employment opportunities as a basis for prescribing compatible jobs for different types of people, (2) classifying the behavior required for survival and success in various job settings, (3) identifying and classifying the variables now operating in educational and resocializing institutions, and (4) specifying models for social systems in training centers. Four related documents are available as VT 011 591-011 595, all in this issue. (Author/JS)

VT 011 595 ED 048 437

Westley, William A.
Studies of Education and Work. Second Edition.

ERIC McGill Univ., Montreal (Quebec). Industrial

Relations Centre.
Canadian Dept. of Regional Economic Expansion, Ottawa (Ontario). Social and Human Analysis Branch
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Mar70 84p.

DESCRIPTORS - *MANPOWER DEVELOPMENT; *JOB TRAINING; *MODELS; *LITERATURE REVIEWS; *PROGRAM DEVELOPMENT; WORK ATTITUDES; BEHAVIOR PATTERNS; MANPOWER UTILIZATION; JOB SATISFACTION; BEHAVIOR STANDARDS

ABSTRACT - The Experimental Projects Branch of the Department of Manpower and Immigration contracted with the McGill University Industrial Relations Centre to assess the bearing of the social science literature upon work and educational organizations and in particular their relevance to the construction of training programs. This paper presents a summary and analysis of the larger and more detailed studies made under this contract. Included in these larger studies are examinations of (1) the nature of modern society, (2) resocialization, (3) retraining as mobility, (4) role perspectives on retraining, (5) rewards, and (6) some models of retraining organizations. Recommendations based on the literature review are made regarding the community background, the program or school in action, and the future of work. Four related documents are available as VT 011 591-VT 011 594, all in this issue. (Author/JS)

VT 011 686 ED 043 744

Clary, Joseph Ray
Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education. Information Series No. 22.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Aug70 55p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *RESEARCH NEEDS; PROGRAM EVALUATION; *ADVISORY COMMITTEES; PROGRAM PLANNING; *PROGRAM ADMINISTRATION; *RESEARCH REVIEWS (PUBLICATIONS); FEDERAL LEGISLATION; ORGANIZATION; STATE PROGRAMS
IDENTIFIERS - *VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - State Advisory Councils on Vocational Education have been appointed in the 50 states, the District of Columbia, Puerto Rico, American Samoa, and the Virgin Islands in compliance with the Vocational Education Amendments of 1968. This report is designed as a summarization, synthesis, and analysis of these new Councils. According to the specifications of the amendments, the councils consist of 12-35 persons who are appointed by the governor, or in some states by the State Board. Functions and responsibilities include advising the State Board on the development and administration of the state plan for vocational education, evaluating programs, services, and activities

under the state plan, and submitting an annual report through the State Board to the U.S. Commissioner of Education and the National Advisory Council. Few research studies concerning the Councils have been conducted, and the first reports from the Councils are currently being prepared. Needed research areas and questions on the role of the evaluation performed by the Councils are listed. (SB)

VT 011 721 ED 042 917

Smith, Brandon B., Ed.;

Moss, Jerome, Jr., Ed.

Report of a Seminar: Process and Techniques of Vocational Curriculum Development (Minneapolis, Minn., Feb. 28-Mar. 1, 1970).

Minnesota Research Coordinating Unit in Occupational Education, Minneapolis.

EDRS PRICE MF-\$0.65 HC-\$6.58

PUB DATE - Apr70 126p.

DESCRIPTORS - *CONFERENCE REPORTS; *CURRICULUM DEVELOPMENT; *CURRICULUM RESEARCH; VOCATIONAL EDUCATION; VOCATIONAL DEVELOPMENT; JOB ANALYSIS; *SYSTEMS APPROACH; OCCUPATIONAL SURVEYS; *COOPERATIVE PLANNING IDENTIFIERS - MINNESOTA; RESEARCH COORDINATING UNIT; RCU

ABSTRACT - A group of nine persons met in Minneapolis at the invitation of the Minnesota Research Coordinating Unit to discuss some of the innovative empirical techniques for implementing the "systems" approach to vocational curriculum development, including some military pioneering efforts. The seven presentations discussed at the seminar included: (1) "A Systems Application to Curriculum Improvement" by David S. Bushnell, (2) "A Manpower Delivery System: Implications for Curriculum Development" by Robert G. Smith, Jr., (3) "Implications of Air Force Occupational Research for Curriculum Design" by Raymond E. Christal, and (4) "An Empirical Procedure for Identifying the Structure of the Technical Concepts Possessed by Selected Workers" by Jerome Moss, Jr. and others. Throughout the seminar, discussion was directed to (1) the preparation of students for entry or reentry into the labor market in relation to specifying the worker's role and tasks, (2) the selection of tasks to be taught, analyzing the selected tasks and stating performance objectives, and (3) the specification of instructional sequence. A major outcome of the seminar was a framework for use in describing the nature of conceptual and operational problems facing curriculum builders. (JS)

VT 011 731

Annual Report of COPE (3rd): The Cooperative Occupational Pre-Teaching Experience Program.

Rutgers, The State Univ., New Brunswick, N.J. Ford Foundation, New York, N.Y.

MF AVAILABLE IN VT-ERIC SET.

Department of Vocational-Technical Education, Rutgers University, 10 Seminary Place, New Brunswick, New Jersey 08903 (\$18).

PUB DATE - May70 24p.

DESCRIPTORS - *TEACHER EDUCATION; *COOPERATIVE EDUCATION; *PROGRAM DESCRIPTIONS; EDUCATIONAL PROGRAMS; STUDENT CHARACTERISTICS; *TRADE AND INDUSTRIAL TEACHERS; *BEGINNING TEACHERS; ADVISORY COMMITTEES; TEACHER RECRUITMENT; WORK EXPERIENCE PROGRAMS IDENTIFIERS - *COOPERATIVE OCCUPATIONAL PRE TEACHING EXPERIENCE PROGRAM; COPE

ABSTRACT - The Cooperative Occupational Pre-Teaching Experience Program (COPE) Prepares vocational subject teachers through coupling cooperative work experience with a planned academic program. This third annual report of COPE presents descriptive data as well as current data on enrollment, student background information, supervised work experience, and credits earned. The current Ford Foundation budget is also presented along with specific recommendations for improving the program. (JS)

VT 011 744

Lasap, Sotero L., Jr.

The Professor of Agriculture: His Response to Questionnaire.

Maryland Univ., College Park. Dept. of Agricultural and Extension Education.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 12p.

DESCRIPTORS - *RESEARCH METHODOLOGY; *QUESTIONNAIRES; *EDUCATIONAL RESEARCH; RESEARCH DESIGN; *DATA COLLECTION IDENTIFIERS - *QUESTIONNAIRE RETURN PROBLEMS

ABSTRACT - To determine the relationship of selected variables to time of response to questionnaires, this study encompassed 600 randomly selected agricultural professors representing all of the states. The length of time for questionnaires being returned was recorded to determine factors affecting responses. Conclusions show that followup letters are important as well as questionnaire color and design, the use of self-addressed envelopes, and the respondents' interest in the study results. (GB)

VT 011 746 ED 050 232

Manpower Report of the President. Message from the President of the United States Transmitting an Annual Report on the Progress of Manpower Programs.

Congress of the U.S., Washington, D.C. House Committee on Education and Labor.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

House-Doc-302

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L1.42/2:971, \$2.50).

PUB DATE - 68 329p.

DESCRIPTORS - *MANPOWER DEVELOPMENT; *FEDERAL PROGRAMS; *ANNUAL REPORTS; MANPOWER UTILIZATION; FAMILY INCOME; PUBLIC POLICY;

GOVERNMENT ROLE; UNEMPLOYMENT; EMPLOYMENT STATISTICS; EMPLOYMENT PATTERNS; EQUAL OPPORTUNITIES (JOBS); *EMPLOYMENT PROBLEMS; STATISTICAL DATA; EMPLOYMENT TRENDS; CULTURALLY DISADVANTAGED; *MANPOWER NEEDS

ABSTRACT - This annual manpower report analyzes manpower needs, resources, utilization, and training. Problem areas which are considered include: (1) income adequacy and maintenance, (2) quality of employment, (3) equal opportunity, (4) special problems of the disadvantaged, (5) transition from school to work, and (6) geographic barriers to employment. The labor force implications of the continuing economic growth in 1967 are discussed, and new programs reflecting increased emphasis on the disadvantaged are reviewed. (BH)

VT 011 856

Miller, W.R.; Blankenbaker, E.K.
Annotated Bibliography of Publications and Reports of Research Dealing with the Interpretation of the "World of Work" to Elementary Children.

Missouri Univ., Columbia. Dept. of Practical Arts and Vocational-Technical Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 14p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *OCCUPATIONAL INFORMATION; *ELEMENTARY GRADES; *ORIENTATION MATERIALS; *ANNOTATED BIBLIOGRAPHIES; DEMONSTRATION PROJECTS; PILOT PROJECTS; RESEARCH PROJECTS; PERIODICALS

ABSTRACT - This annotated bibliography contains 50 journal articles, research reports, and related materials dealing with interpreting the world of work concept to elementary children. Entries are grouped according to: (1) Rationale, (2) Experimental Research, (3) Pilot and Demonstration Projects, and (4) Others. Arranged alphabetically by author, each entry includes, in addition to an annotation, the title, source of availability either through a journal, institution, Educational Resources Information Center (ERIC), or other source, ERIC accession number, date, and in some cases the pagination and cost. (SB)

VT 011 902

A Concerned Texas. A Report of the Governor's Conference on Technical-Vocational Education. (Austin, Tex., Mar. 23-24, 1970).

Texas State Advisory Council for Technical-Vocational Education, Austin.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul70 104p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *MANPOWER NEEDS; *CONFERENCE REPORTS; *PROGRAM DEVELOPMENT; EDUCATIONAL NEEDS; *PROGRAM IMPROVEMENT; EDUCATIONAL OBJECTIVES

ABSTRACT - These proceedings contain an abundance of evidence of the concern for the further expansion of vocational and technical education and for the updating and improving

of existing programs. Also, there is strong evidence of an increase in public awareness of technical-vocational education and its role in the life of citizens. Business firms, associations, educational institutions, state and federal agencies, and others joined forces at this conference to give a visual presentation through exhibits of the needs for trained manpower and the resources within the state to meet the needs. (JS)

VT 011 915

Nish, Dale L.
Developing and Testing of an Instructional System in Plastics. Program Report: Improving Instruction in Small Schools.

Northwest Regional Educational Lab.,
Portland, Oreg.
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Mar69 34p.

DESCRIPTORS - INSTRUCTIONAL MEDIA; *MULTIMEDIA INSTRUCTION; PROGRAMED INSTRUCTION; *SINGLE CONCEPT FILMS; INSTRUCTIONAL INNOVATION; *PLASTICS; *INSTRUCTIONAL IMPROVEMENT; RESEARCH; *INDUSTRIAL ARTS

ABSTRACT - The purpose of this study was to develop and test usable instructional materials in plastics as a means of improving and expanding curricular programs for rural children in isolated areas. The population consisted of 30 students selected from Grades 6 through 12 in two Washington Public Schools. Designed to study the effect of varying mental abilities, the subjects were divided into three groups which were classified as high, average, and low. The Differential Aptitude Test (Form L), Numerical and Verbal Section C, was used to assess the general mental ability for each student. A multimedia instructional system developed for this study included four instructional units consisting of single concept films with sound, programed instruction books and laboratory experience. Findings indicated that the multimedia instructional system could be effectively used to teach knowledges and skills associated with the use of expandable polystyrene plastics. (Not recommended for hard copy reproduction due to marginal print size.) (GR)

VT 011 916

Lewis, Wiley B.; Woodin, Ralph J.
Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. Research Series in Agricultural Education.

Ohio State Univ., Columbus. Dept. of Agricultural Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug70 35p.

DESCRIPTORS - *EDUCATIONAL RESEARCH; *VOCATIONAL AGRICULTURE; *AGRICULTURAL ENGINEERING; *COURSE OBJECTIVES; *CURRICULUM; RESEARCH; TEACHER EDUCATION; INSTRUCTIONAL

IMPROVEMENT

ABSTRACT - To determine whether agricultural mechanics curriculums in Ohio were appropriate for preparing students enrolled in high school vocational agriculture classes to perform agricultural mechanics activities in production agriculture occupations, this study was conducted by dividing the State into three agricultural administrative regions and surveying these regions with questionnaires. These forms were distributed to a representative number of students, teachers, and farmer groups. Conclusions show that agricultural mechanics instruction was appropriate for preparing the students for production agriculture occupations. It was recommended that teachers and teacher educators should provide for individualized instruction, determine instruction by surveying for needs, and include results of study in teacher preparation programs. (GB)

VT 011 941 ED 043 778
 Ganschow, Laurie H., And Others
 Stimulating Educational Information-Seeking and Changes in Student Attitude Toward Vocational Education by Videotape and Film Presentations. Final Report.

American Inst. for Research in the Behavioral Sciences, Palo Alto, Calif.
 Office of Education (DHEW), Washington, D.C.
 Bureau of Research
 EDRS PRICE MF-\$0.65 HC-\$9.87
 OEG-9-9-140099-0008 (057) 24
 BR-8-1-099
 PUB DATE - Aug70 252p.

DESCRIPTORS - *MODELS; EDUCATIONAL COUNSELING; VOCATIONAL COUNSELING; CHANGING ATTITUDES; *BEHAVIOR PATTERNS; *ETHNIC GROUPS; *HIGH SCHOOL STUDENTS; *COUNSELING; VIDEO TAPE RECORDINGS; FILMS; MEXICAN AMERICANS

ABSTRACT - To help counselors develop appropriate models for students with different characteristics, this investigation involved two studies using films and videotapes in an effort to stimulate individuals to explore and to gather information on vocational education opportunities. The key experimental phases of the two studies compared the relative influence of Mexican-American and non-Mexican-American social models on Mexican-American and non-Mexican-American 10th grade subjects. Among the findings in Study A was that subjects who saw social models of an ethnic group like their own scored higher on the measure of the subject's interest in occupations and related activities than did subjects who saw models of an ethnic group unlike their own. In Study B it was found that Mexican-American subjects who saw the Mexican-American social models performed slightly more information-seeking behaviors, and made slightly more favorable attitude changes than did Mexican-American subjects who viewed non-Mexican-American models. Study B further suggested that films rather than written presentations are more favorably reacted to by all subjects and that female

subjects responded to the treatment suggestions to engage in information seeking significantly more than did male subjects. (Author/JS)

VT 011 961 ED 043 781
 Coster, John K.
 Patterns and Guidelines for Administering Exemplary Programs and Projects at the State Level. Center Occasional Paper No. 3.

North Carolina Univ., Raleigh. N.C. State Univ. Center for Occupational Education. Office of Education (DHEW), Washington, D.C. Bureau of Research
 EDRS PRICE MF-\$0.65 HC-\$3.29
 OEG-2-7-070348-2698 08
 BR-7-0348
 PUB DATE - 69 40p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *GUIDELINES; *FEDERAL LEGISLATION; *PROGRAM DEVELOPMENT; STATE BOARDS OF EDUCATION; *PROGRAM ADMINISTRATION; ADMINISTRATIVE ORGANIZATION; POLICY FORMATION; MODELS; RESOURCE ALLOCATIONS
IDENTIFIERS - *VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - States must accept the implied responsibilities of the Vocational Education Amendments of 1968 which relate to exemplary programs, and it is necessary for State Boards to incorporate the provisions of Part D into their policies and plans as well as establish a state office in charge of exemplary programs. Guidelines are included for developing a policy statement, preparing elements of a state plan, assigning responsibility for administration, identifying the function of the administrative body, staffing the state office, establishing exemplary program management, and managing resource allocation systems. Guidelines for submitting an application for a planning grant and preparing proposals as well as suggested criteria and forms for evaluating applications for planning grants and proposals for exemplary programs and projects are appended. (SB)

VT 011 963 ED 043 783
 Cortes, Josefina R.
 Factors Associated with the Migration of High-Level Persons from the Philippines to the U.S.A..

Stanford Univ., Calif. Stanford International Development Education Center (SIDECE). Office of Education (DHEW), Washington, D.C. Bureau of Research
 EDRS PRICE MF-\$0.65 HC-\$9.87
 OEC-4-7-062597-1654 24
 BR-6-2597
 Publications Secretary, SIDECE, School of Education, P.O. Box 2329, Stanford University, Stanford, California 94305.
 PUB DATE - 70 248p.

DESCRIPTORS - *MIGRATION; FOREIGN COUNTRIES; *PROFESSIONAL PERSONNEL; *DEVELOPING NATIONS; *MANPOWER NEEDS; *SOCIOECONOMIC INFLUENCES;

***INDIVIDUAL CHARACTERISTICS; EDUCATIONAL NEEDS
IDENTIFIERS - PHILIPPINES**

ABSTRACT - Although all countries face shortages of professional personnel, the problem is especially critical for the developing nations, who face the drain of high-level manpower to developed nations. This study of the migration of manpower from the Philippines to the United States identifies the major factors in this exodus, improves prediction techniques, and analyzes ways to minimize emigration through improved educational programs. Out of a population of 9,613 college-educated Filipinos who studied in the United States between 1960 and 1965, 753 names were chosen through disproportionate stratified sampling of the medical and nonmedical segments of the population. After further division of the sample into those who returned to the Philippines and those who remained in the United States, usable questionnaires were returned by 66 migrants and 183 nonmigrants. The report concludes from the data that migration is highly related to attitudes toward the home country, as well as personal characteristics such as age and sex. Consequently, a short-run program to reduce emigration should involve government support of education for individuals carefully screened for attitudes and personality traits. In the long run, however, education and the climate for research must be improved so that talent is adequately utilized. (BH)

VT 011 993 ED 048 438

Background Facts on Women Workers in the United States.

Women's Bureau (DOL), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
Women's Bureau, Wage and Labor Standards Administration, U.S. Department of Labor, Washington, D.C. 20210 (no charge).
PUB DATE - 70 24p. 1970 Revision.

DESCRIPTORS - *WORKING WOMEN; *LABOR FORCE; *EMPLOYMENT STATISTICS; *OCCUPATIONAL SURVEYS; WAGES; ACADEMIC ACHIEVEMENT; AGE; MARITAL STATUS; EMPLOYMENT EXPERIENCE; UNEMPLOYMENT; OCCUPATIONS; TABLES (DATA)

ABSTRACT - In 1969 there were 30.5 million women workers (38 percent of all workers) 16 years of age and over, which represented an increase of 1.3 million since 1968. About 58 percent of the women workers were married and living with their husbands. Labor force participation was highest among mothers with school-age children only (51 percent) and lowest among those with children under 3 years of age (26 percent). The largest occupational groups were: (1) clerical (10 million), (2) service workers (4.7 million), and (3) operatives (4.5 million). The median earnings of full-time year-round workers was \$4,457, or 58 percent of the year-round salary for men. About 20 percent of the women but only 8 percent of the men earned less than \$3,000, while only 3 percent of the women as compared with 28 percent of the men earned \$10,000 or more. These and other data

concerning women workers are presented in tabular form. (SB)

VT 012 004

Sobolik, Gayle A.
A History of Business Letter-Writing Theory as Revealed in an Interpretative Analysis of American Collegiate Business Communication Textbooks, 1915-1967.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
PUB DATE - Aug70 534p.

DESCRIPTORS - *BUSINESS CORRESPONDENCE; BUSINESS SKILLS; HISTORICAL REVIEWS; *LITERATURE REVIEWS; *TEXTBOOK RESEARCH; *WRITING SKILLS; *TEXTBOOK CONTENT; HUMAN RELATIONS; BUSINESS ENGLISH; BUSINESS EDUCATION

ABSTRACT - Believing that a history of business letter-writing theory may contribute to knowledge in business education, this study traced the evolution of business letter-writing from 1915 to 1967. Business letter-writing theory was defined to include (1) content of the letter body, (2) human relations in business letter writing, and (3) the format, mechanics, and structure of the letter. Using sixty textbooks as the primary source of data, trends were determined, synthesized, and interpreted. Identifiable change in theory during this specified time period is characterized as moderate and gradual with continual emphasis being given to clarity, correctness, completeness, and the you attitude. Modified-block style without paragraph indentations and mixed punctuations have replaced indented style and closed punctuation in popularity. Specific recommendations refer to the increasing awareness that all letters sell good will and that successful business communications may contribute to management success. This Ph.D. dissertation was submitted to the University of North Dakota. (AUTHOR/JS)

VT 012 007

Implementation of Vocational Education in Distribution.

Wisconsin Univ., Madison. Distributive Education Office.
Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education
MF AVAILABLE IN VT-ERIC SET.
Wisconsin Board of Vocational, Technical and Adult Education, 137 East Wilson Street, Madison, Wisconsin 53703 (\$1.25).
PUB DATE - 67 120p. Report of a Clinic (Oct. 14-18, 1963).

DESCRIPTORS - *DISTRIBUTIVE EDUCATION; GUIDELINES; VOCATIONAL EDUCATION; *CONFERENCE REPORTS; ADULT PROGRAMS; *CURRICULUM DEVELOPMENT; YOUTH CLUBS; ORGANIZATION; *PROGRAM DEVELOPMENT; SECONDARY EDUCATION; HIGH SCHOOL STUDENTS; RESEARCH NEEDS; EDUCATIONAL PROBLEMS

ABSTRACT - To provide distributive education

supervisors and teachers the opportunity to discuss implications in the report of the Panel of Consultants on Vocational Education and to restate the role of distributive education in light of the anticipated Vocational Education Act of 1963, a national clinic was organized around these papers: (1) "Vocational Education and the National Welfare" by Arthur Harris, (2) "New Dimensions for Distributive Education" by Lane Ash, (3) "The Emerging Program of Distributive Education" by John Beaumont, (4) "The Basis of Occupational Goals" by George Sanders, (5) "Bases for Curriculum Development in Distribution" by Edwin Nelson, (6) "The Vocational Approach in Education for Distribution" by Mary Marks, (7) "Organizational Patterns in Distributive Education" by Sanders and Beaumont, (8) "Staffing the Distributive Education Program" by Mary Marks, (9) "Research as a Means of Attaining Emerging Objectives of Programs of Education in Distribution" by Armstrong, (10) "High School Age Youth" by Samson and Thompson, (11) "Post High School Programs" by Toothman and Haines, (12) "Adult Programs" by Dorr and DeMond, and (13) "Youth with Special Needs" by Gradoni and Runge. Additional information from a post-session meeting is included in the appendixes. (JS)

VT 012 011 ED 050 234
MacKenzie, John R.; MacKenzie, Helen R.
Project BUILD, A Manpower Demonstration
Program: February, 1968-March, 1969.

Greater Washington Central Labor Council
(AFL-CIO), Washington, D.C.
Washington Building and Construction Trades
Council (AFL-CIO), Washington, D.C.
Manpower Administration (DOL), Washington,
D.C. Office of Special Manpower Programs
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Mar69 86p.

DESCRIPTORS - *DISADVANTAGED YOUTH; *INNER CITY; *APPRENTICESHIPS; *BUILDING TRADES; *DEMONSTRATION PROGRAMS; EDUCATIONALLY DISADVANTAGED; REMEDIAL INSTRUCTION; VOCATIONAL EDUCATION; LABOR UNIONS; INPLANT PROGRAMS
IDENTIFIERS - *PROJECT BUILD

ABSTRACT - This demonstration project was designed to prepare disadvantaged youth from the inner city to meet the requirements for, and perform effectively in, the apprenticeable construction trades in the District of Columbia. Of 160 trainees who were prepared for apprenticeship in two 24-week cycles, there were 143 graduates, of whom 120 were placed in apprenticeship. The report emphasizes the need for a comprehensive program of remedial education, work orientation, and skill training to prepare the individual for apprenticeship. Individual counseling and careful followup are also considered to be of major importance. (BH)

Skill Upgrading, Inc., Baltimore, Md.
Manpower Administration (DOL), Washington,
D.C. Office of Special Manpower Programs
EDRS PRICE MF-\$0.65 HC-\$9.87
PUB DATE - 31Mar70 226p.

DESCRIPTORS - *INPLANT PROGRAMS; *ADULT VOCATIONAL EDUCATION; *ENTRY WORKERS; *SKILL DEVELOPMENT; *EDUCATIONALLY DISADVANTAGED; EDUCATIONAL PROGRAMS; PROMOTION (OCCUPATIONAL); FOLLOWUP STUDIES
IDENTIFIERS - *HIGH INTENSITY TRAINING; HIT

ABSTRACT - As in two other projects in Cleveland and Newark, New Jersey, this project was set up in Baltimore to provide technical assistance in designing ways to meet in-plant skills needs by upgrading job skills on entry workers through High Intensity Training (HIT). Skill Upgrading, Inc. was established in Maryland to provide training and manpower consulting services to public and private sectors of industry. Along with HIT, other approaches to providing manpower analysis and employee training were used as needed: job related education, orientation programs, and supervisory development training for existing and potential supervisors and management personnel. During an 18-month period, 20 programs were conducted in 17 hospitals, schools, and private manufacturing, food processing, and retail businesses. A followup study of 99 of the 214 workers who completed the programs showed that 77 percent received jobs for which they were trained at an average salary increase of 21 cents an hour. However, the program failed to develop project continuity through local financial support and responsibility. (Author/BH)

VT 012 026 ED 048 440
Career Mobility for Paraprofessionals in
Human Service Agencies. MDTA Experimental and
Demonstration Findings No. 8.

National Committee on Employment of Youth,
New York, N.Y.
Manpower Administration (DOL), Washington,
D.C. Office of Special Programs
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Dec69 154p.

DESCRIPTORS - *JOB DEVELOPMENT; *CAREER OPPORTUNITIES; *FEDERAL PROGRAMS; *PROMOTION (OCCUPATIONAL); EMPLOYMENT OPPORTUNITIES; EMPLOYMENT QUALIFICATIONS; ENTRY WORKERS; PROFESSIONAL OCCUPATIONS; MANPOWER UTILIZATION; *EDUCATIONALLY DISADVANTAGED
IDENTIFIERS - *NEW CAREERS

ABSTRACT - This report describes the experience of a group of New Careers Paraprofessionals who were trained in human service occupations by the National Committee on Employment of Youth (NCEY) in a special project in 1965 and 1966 and employed by a variety of public and private human service agencies. The report provides data on the longest period for followup (nearly 4 years) of any New Careers program and systematically documents the problems of career advancement. In an attempt to measure the impact of paraprofessionals on the participating

agencies and to identify the factors involved in mobility, 26 NCEY graduates and 37 agency personnel were interviewed in a cross-section of involved agencies. The study found that opportunities for advancement are severely limited for paraprofessionals, mainly because of rigid educational requirements for higher level jobs. The report is useful to New Careers program planners and administrators, and to potential employers, as an aid in eliminating obstacles to career mobility. (BH)

VT 012 029 ED 048 441
Fairchild, Charles K.
Worker Relocation: A Review of U.S.
Department of Labor Mobility Demonstration
Projects. Final Report.

Shelley (R.F.) and Co., Inc., Washington,
D.C.
Manpower Administration (DOL), Washington,
D.C. Office of Special Manpower Programs
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - 27Apr70 179p.

DESCRIPTORS - *OCCUPATIONAL MOBILITY;
*RELOCATION; *UNEMPLOYED; *FEDERAL PROGRAMS;
*EMPLOYMENT PROGRAMS; MANPOWER UTILIZATION;
JOB DEVELOPMENT; EMPLOYMENT OPPORTUNITIES;
PROGRAM EVALUATION

ABSTRACT - This report reviews the knowledge gained in 4 years of operation of labor mobility demonstration projects and provides guidelines on the design and operation of a permanent worker relocation program. Data were gathered both from written material covering the experience of each project and from field trips to some of the projects when additional data were needed for interpretative purposes. Measured in terms of program costs, training, relocation, and financial assistance, the labor mobility projects demonstrated that worker relocation can be used efficiently to assist unemployed people of various backgrounds and skill levels to find employment. As a possible method to alleviate structural unemployment caused by changes in the location and composition of economic activity, worker relocation can be an important part of a comprehensive national program for manpower development and utilization. (BH)

VT 012 033
Pollmann, James C.; Gadda, H.W.
A Study of High School Seniors from Two South
Dakota Area Vocational-Technical School Areas
Who Are Interested in Non-Farm Agricultural
Occupations.

South Dakota Agricultural Experiment Station,
Brookings.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep70 9p.

DESCRIPTORS - *VOCATIONAL AGRICULTURE;
SENIORS; *OCCUPATIONAL CHOICE; *OCCUPATIONAL
GUIDANCE; *SCHOOLS; AREA VOCATIONAL SCHOOLS;
*OCCUPATIONAL INFORMATION; POST SECONDARY
EDUCATION; *OFF FARM AGRICULTURAL
OCCUPATIONS; OCCUPATIONAL ASPIRATION; PROGRAM

DEVELOPMENT

ABSTRACT - High school seniors from two South Dakota vocational-technical school areas were surveyed to identify those interested in off-farm agricultural occupations. Of the 779 questionnaires sent out to 70 schools, only 245 were usable for compiling the results. The findings indicate that at least 158 seniors are interested in these occupations, with the majority of the boys indicating an interest in farm machinery sales and service and a majority of the girls interested in occupations in ornamental horticulture. Seventy-three percent of the boys, and 40 percent of the girls expressed a desire to enroll in a vocational-technical school. (GE8)

VT 012 035
Bailey, Ann
Apprenticeship Survey. Final Report.

Utah Research Coordinating Unit for
Vocational and Technical Education, Salt Lake
City.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
MF AVAILABLE IN VT-ERIC SET.
OEG-4-7-063046-1612 08
BR-6-3046
PUB DATE - Apr70 21p.

DESCRIPTORS - *APPRENTICESHIPS; *STATE
SURVEYS; QUESTIONNAIRES; OCCUPATIONAL
SURVEYS; *EMPLOYER ATTITUDES
IDENTIFIERS - *UTAH

ABSTRACT - Private non-union contractors were surveyed to determine their interest in a state program designed to provide training and promotion for their employees. A second objective was to determine what an approved apprenticeship program would be, particularly who would approve it and who would establish program requirements. Findings, based on 28 (41 percent) response to a short five-item questionnaire, were: (1) A majority of the non-union contractors do not utilize an apprenticeship type training program, (2) Some felt such a training program was necessary, (3) A majority indicated a willingness to participate in an apprenticeship type training program, (4) There is no general set of requirements for apprenticeship and promotion, (5) Each occupational skill has a set of apprenticeship standards, with negotiable and non-negotiable sections, and (6) Standards for apprenticeship vary little from occupation to occupation; the set-up is generally uniform for all skills. (GR)

VT 012 045 ED 048 442
Athelstan, Gary T., And Others
Pilot Study of the Practice of Physical
Medicine and Rehabilitation. Final Report.

American Rehabilitation Foundation, Inc.,
Minneapolis, Minn.
Social and Rehabilitation Service (DHEW),
Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - Mar70 30p.

DESCRIPTORS - MEDICAL SERVICES;
*REHABILITATION; *CLINICAL EXPERIENCE;
PARAMEDICAL OCCUPATIONS; MANPOWER
UTILIZATION; PROFESSIONAL TRAINING; *RESEARCH
METHODOLOGY; *EVALUATION TECHNIQUES;
*INTERACTION PROCESS ANALYSIS; BEHAVIOR
PATTERNS; TAXONOMY
IDENTIFIERS - *PHYSIATRISTS; PHYSICAL
MEDICINE

ABSTRACT - This study is intended to provide the methodology for a full-scale study which will develop a model of physician behavior in the practice of physical medicine, evaluate the adequacy of residency training in this field, and analyze the role of paramedical personnel in rehabilitation. Regular staff members of the Commission on Education in Physical Medicine and Rehabilitation recorded the activities of eight physiatrists for 4 months. Although acquainted with medical terminology, they were not familiar with the practice of physical medicine, and they avoided all unnecessary interference, so that their influence would not bias the data. The data classification techniques developed from the observations demonstrate the feasibility and desirability of a comprehensive study. (BH)

VT 012 050 ED 048 443

Main, Ray E.
The Effectiveness of Flash Cards in a
Mathematical Self-Study Course for Group I
Personnel.

Naval Personnel Research Activity, San Diego,
Calif. Navy Training Research Lab.
EDRS PRICE MF-\$0.65 HC-\$3.29
SRM 70-20
PUB DATE - Jun70 18p.

DESCRIPTORS - *ARITHMETIC; *TEACHING
TECHNIQUES; MILITARY TRAINING; EVALUATION;
*INSTRUCTIONAL MATERIALS; PROGRAMED
INSTRUCTION; ENLISTED MEN; TEACHING METHODS;
*SLOW LEARNERS; LEARNING ACTIVITIES

ABSTRACT - As part of continuing research aimed at identifying optimal methods for training Navy personnel who have achieved marginal scores on military selection tests, flash card instruction methods were adapted for application to a comprehensive range of basic mathematical operations involved in a previously developed course in fundamental mathematics. Supplementing the standard course work with flash card instruction did not result in significantly higher performance gains, and the study concluded that applying flash methods to the relatively wide range of content complexity involved in this study was not effective. (Author/BH)

VT 012 051 EC 050 236

Earle, Timothy C.
Task Learning, Interpersonal Learning and
Cognitive Complexity.

Personnel and Training Research Branch
EDRS PRICE MF-\$0.65 HC-\$3.29
ORIR-Bull-Vol-10-No-2
PUB DATE - May70 82p.

DESCRIPTORS - *PAIRED ASSOCIATE LEARNING;
*LEARNING ACTIVITIES; *INTERACTION PROCESS
ANALYSIS; *LEARNING EXPERIENCE; *LEARNING
THEORIES; INTERPERSONAL RELATIONSHIP;
LEARNING DIFFICULTIES; INTERGROUP RELATIONS;
DECISION MAKING; COMPLEXITY LEVEL

ABSTRACT - The study of human learning has neglected interpersonal learning, mainly because of its complexity. However, with the recent development of a new methodology and research paradigm, empirical studies have been initiated. This is a report on one such study, involving 40 male University of Oregon students divided into two groups of 10 pairs of subjects. The task learning (TL) group and the interpersonal learning (IPL) group were trained for 60 trials to predict a numerical criterion on the basis of two numerical cues (X1 and X2). For the TL group, pairs of subjects were trained to use the same cue according to the same rule. For half the pairs, X1 was linearly related to the criterion, while for the rest, X1 was a nonlinear cue. In the IPL group, each pair was differentially trained, with one using X1 as a linear cue, and the other using X2 as a nonlinear cue. When the pairs were combined for a task involving two equally valid linear and nonlinear cues, the IPL group adapted significantly better to the task due to the linear subjects' inability to learn to use the nonlinear cue on the basis of task learning alone. (BH)

VT 012 054 ED 048 444

The Cost and Output of Graduate Social Work
Education: An Exploratory Study.

Cooper and Co., Stamford, Conn.
Social and Rehabilitation Service (DHEW),
Washington, D.C.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM
EDRS.

Superintendent of Documents, U.S. Government
Printing Office, Washington, D.C. 20402
(HE17.2:G75, \$1.75)
PUB DATE - Aug70 203p.

DESCRIPTORS - *SOCIAL WORK; *GRADUATE STUDY;
*PROFESSIONAL EDUCATION; *COST EFFECTIVENESS;
RESEARCH METHODOLOGY; *DECISION MAKING;
EDUCATIONAL OBJECTIVES

ABSTRACT - This study of cost-sensitive factors and relationships in graduate social work education is a first step in developing concepts and research methodology as a basis for further research to aid administrators in making decisions for more effective use of resources. Identification of costs and cost-sensitive factors in approached within the framework of decision theory, since the problem of estimating costs for decision-making involves predicting future consequences of current decisions. Costs are only partially useful as an historical record of past objectives only when viewed in terms of the kinds of decisions that must be made.

The report recommends that the government initiate a national study to generate cost data and analysis, and to assist social work schools in transforming themselves into production operations. (BH)

VT 012 056 ED 050 237
Nikolitch, Radoje
Our 31,000 Largest Farms.

Economic Research Service (DOA), Washington,
D.C. Farm Production Economics Research Div.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM
EDRS.
Superintendent of Documents, U.S. Government
Printing Office, Washington, D.C. 20402
(A93.28:175, \$.65).
PUB DATE - Mar70 70p.

DESCRIPTORS - *ORGANIZATION SIZE (GROUPS);
*AGRICULTURAL PRODUCTION; *FARMERS; *FARM
MANAGEMENT; FARM LABOR; BACKGROUND;
AGRICULTURAL PERSONNEL; RURAL DEVELOPMENT;
RURAL ECONOMICS; RESOURCES

ABSTRACT - Between 1959 and 1964, the number of farms with annual product sales of over \$100,000 rose from 19,979 to 31,401, increasing this group's share of the market from 16 to 24 percent. During the same period, the 408 farms reaching the \$1 million mark with a 4 percent share of the market increased to 919 farms with 7 percent of the market. This report analyzes the characteristics of these increasingly important large-scale farms. The data indicate that the operators of the larger farms differ from other operators in educational background, but not in age. The typical large-scale farm is a meat-producing farm located in the West. The report notes that technical efficiency is greater on the large farm, but the ratio of purchased inputs per unit of output is much lower for the small farm. (BH)

VT 012 057 ED 044 521
BARNETT, KATHRYN E.
THE DEVELOPMENT OF A THEORETICAL CONSTRUCT OF
THE CONCEPTS OF TOUCH AS THEY RELATE TO
NURSING. FINAL REPORT.

NORTH TEXAS STATE UNIV., DENTON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
BUREAU OF RESEARCH.
EDRS PRICE MF-\$0.75 HC-\$7.20
OEG-7-70-0163-509 24
BR-0-G-027
PUB DATE - AUG 70 142p.

DESCRIPTORS - ADMINISTRATOR RESPONSIBILITY;
*COMMUNICATION SKILLS; DEVELOPMENT;
EDUCATIONAL NEEDS; *HEALTH OCCUPATIONS
EDUCATION; MEDICAL SERVICES; *NONVERBAL
COMMUNICATION; *NURSING; *PATIENTS (PERSONS);
TEACHER RESPONSIBILITY; THEORIES

ABSTRACT - TO DEVELOP A THEORETICAL CONSTRUCT OF TOUCH AS IT RELATES TO NURSING, AN EXTENSIVE WAS MADE OF THE BASIC AND ACCEPTED THEORIES OF TOUCH, AND A SURVEY WAS CONDUCTED OF CURRENT PRACTICES OF TOUCH BY APPROXIMATELY 900 HEALTH PERSONNEL IN TWO

DALLAS, TEXAS HOSPITALS. SURVEY DATA WERE GATHERED BY OBSERVATION OF 180 SESSIONS INVOLVING APPROXIMATELY 540 PATIENTS AND WAS LIMITED TO THE NATURE AND EXTENT OF THE TOUCH RATHER THAN ITS EFFECT ON THE PATIENT. THE FINDINGS INDICATED THAT A MAJORITY OF THE PATIENTS WERE TOUCHED IN SOME WAY AND THAT MANY CIRCUMSTANCES, SUCH AS AGE, SEX, RACE, AND SOCIOECONOMIC BACKGROUND INFLUENCED ITS USE. REGISTERED NURSES TOUCHED ALMOST TWICE AS OFTEN AS OTHER PERSONNEL, AND THE AREAS MOST FREQUENTLY TOUCHED WERE THE PATIENT'S HAND, FOREHEAD, AND SHOULDER. PATIENTS ON THE PEDIATRIC, LABOR AND DELIVERY, AND INTENSIVE CARE WARDS RECEIVED THE MOST TOUCH, AND THOSE LISTED IN GOOD AND FAIR CONDITIONS WERE TOUCHED 70 PERCENT MORE OFTEN THAN THOSE ACUTELY ILL. FROM THE FINDINGS AND BASED ON CONCEPTS OF TOUCH, A THEORETICAL CONSTRUCT WAS DEVELOPED WHICH STATES THAT TOUCH IS AN INTEGRAL PART OF NURSING INTERVENTION AND IS TO BE USED JUDICIOUSLY AS A MEANS AND BASIS OF COMMUNICATION. (SB)

VT 012 060 ED 045 824
SARGEANT, DONALD G.
AN EXPERIMENT EVALUATING METHODS OF
DISSEMINATION OF BUSINESS SIMULATION
INSTRUCTIONAL MATERIALS TO AGRICULTURE
TEACHERS.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB
ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - JUN 70 150p.

DESCRIPTORS - *AGRICULTURAL EDUCATION;
BIBLIOGRAPHIC CITATIONS; DOCTORAL THESES;
*HIGH SCHOOL STUDENTS; *INFORMATION
DISSEMINATION; INSTRUCTIONAL IMPROVEMENT;
*INSTRUCTIONAL MATERIALS; *VOCATIONAL
AGRICULTURE TEACHERS

ABSTRACT - TO DEVELOP A BUSINESS MANAGEMENT INSTRUCTIONAL UNIT AND TO EVALUATE THE EFFECTIVENESS OF ALTERNATIVE METHODS OF DISSEMINATING THIS INSTRUCTIONAL MATERIAL TO AGRICULTURE TEACHERS, THIS STUDY UTILIZED THE EFFORTS OF 36 TEACHERS AND TWO METHODS OF DISSEMINATING INSTRUCTIONAL MATERIAL. THREE-HOUR WORKSHOPS WERE HELD AT THREE LOCATIONS TO DISTRIBUTE THE EDUCATIONAL MATERIAL AND TO INSTRUCT 18 TEACHERS ON HOW TO TEACH THE BUSINESS MANAGEMENT UNIT EFFECTIVELY. EIGHTEEN OTHER TEACHERS RECEIVED THE SAME MATERIALS AND INSTRUCTION ON AN INDIVIDUAL BASIS IN THEIR HOME SCHOOLS. FINDINGS REVEAL THAT INSTRUCTIONAL MATERIAL DEVELOPMENT AND DISSEMINATION SHOULD INVOLVE THE TEACHERS ON AN INDIVIDUAL BASIS IN THEIR HOME SCHOOLS. STUDENT ACHIEVEMENT WAS FOUND TO BE BETTER WITH CLASSES OF LESS THAN 15 STUDENTS AND ALL OF ONE GRADE LEVEL WITH SPECIAL EDUCATION STUDENTS EXCLUDED. RECOMMENDATIONS INCLUDE: (1) PROJECTS DESIGNED TO DEVELOP AND DISSEMINATE INSTRUCTIONAL MATERIAL SHOULD BE CONTINUED AND PROVIDE FOLLOWUP SUPERVISION TO HIGH SCHOOL TEACHERS, (2) INSTRUCTIONAL MATERIAL DEVELOPERS SHOULD INVOLVE HIGH SCHOOL TEACHERS AND STUDENTS, (3) AGRICULTURAL BUSINESS MANAGEMENT PRINCIPLES SHOULD BE TAUGHT TO HIGH SCHOOL STUDENTS, AND (4) FUTURE STUDIES SHOULD INVESTIGATE THE EFFECTIVENESS OF STUDENT LEARNING AND COST

BENEFIT IN DISSEMINATION. THIS PH.D. DISSERTATION WAS SUBMITTED TO PENNSYLVANIA STATE UNIVERSITY. (GB)

VT 012 087

Guidelines for Personnel and Program Approval.

Decatur Public School District 61, Ill. Dept. of Vocational Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE -- ND 16p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *STANDARDS; *COMPREHENSIVE PROGRAMS; *PROGRAM ADMINISTRATION; ELEMENTARY GRADES; INTERMEDIATE GRADES; SECONDARY GRADES; AREA VOCATIONAL SCHOOLS; ADMINISTRATOR QUALIFICATIONS; SUPERVISOR QUALIFICATIONS; TEACHER QUALIFICATIONS; HEALTH SERVICES

ABSTRACT - Developed for the Decatur, Illinois, school system, this publication contains recommendations, guidelines, and regulations for creating an approvable comprehensive vocational program for grades K-12 and the area vocational center. Qualifications for approval are provided for: (1) local director, (2) assistant local director, (3) local supervisors, (4) local guidance coordinator, (5) teacher of industrial oriented vocational subjects, (6) teacher-coordinator of industrial oriented subjects, business and office occupations, and distributive education, (7) health services supervision, (8) health services approval of teachers, (9) duties, responsibilities, and training requirements for vocational teachers, and (10) approvable programs, services, and activities for vocational education. (SB)

VT 012 099

Technicians in Non-Electrical Plant and Machinery Manufacture; Employment and Technology No. 5.

Australian Dept. of Labour and National Service, Melbourne.
MF AVAILABLE IN VT-ERIC SET.
Commonwealth of Australia, Department of Labour and National Service, P.O. Box 287AA, Melbourne, Victoria 3001, Australia (\$.70).
PUB DATE -- 69 39p.

DESCRIPTORS - *MANPOWER UTILIZATION; *SUBPROFESSIONALS; TECHNICAL OCCUPATIONS; TECHNOLOGICAL ADVANCEMENT; *MANPOWER NEEDS; *MACHINERY INDUSTRY; INPLANT PROGRAMS; EDUCATIONAL BACKGROUND; NATIONAL SURVEYS; PRODUCTION TECHNICIANS; INDUSTRIAL PERSONNEL; *EMPLOYMENT TRENDS
IDENTIFIERS - *AUSTRALIA

ABSTRACT - The purpose of this 1968 survey was to learn more about the employment of technicians in Australia, including employment trends, type of work, training, and qualifications. Questionnaires completed by 141 representative firms in the machinery industry were supplemented by interviews with officials of 62 of the firms. Although firms had difficulty associating recent

technological changes with changed manpower needs, many felt that technology accounted for their increased demand for technicians. Technician shortages experienced by most of the firms over the past 5 years were being met by overtime, upgrading, and by employing technologists as technicians when possible. The shortages projected through 1973 probably understate actual needs, since many firms create new skilled positions if the manpower were made available. (BH)

VT 012 114

Report of Sixth Vocational Guidance Systems Conference (Villa Park, Illinois, December 19-20, 1969).

Willowbrook High School, Villa Park, Ill.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE -- 69 39p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *CONFERENCE REPORTS; *OCCUPATIONAL GUIDANCE; EDUCATIONAL GUIDANCE; GUIDANCE FACILITIES; *COMPUTER ORIENTED PROGRAMS; *SYSTEMS APPROACH; PROGRAM DESCRIPTIONS; PROGRAM EVALUATION

ABSTRACT - For the past 4 years, 20 to 30 professionals who are interested and involved in the development and implication of computer-based guidance systems have met once or twice per year to share philosophies, issues, and findings, and to view systems as they became operational. Thus, this document is a summary of presentations given at this 2-day conference. Individual progress reports were presented for such projects as the Educational and Career Exploration System and the Computer-Assisted Manpower Matching Systems. Panel discussions were organized around (1) the feasibility of integrating various computerized vocational guidance systems, (2) new hardware and/or software developments, and (3) the assessment of the effectiveness of vocational guidance systems. The conference closed with a demonstration and a discussion of implementation problems concerning a computerized vocational information system. (JS)

VT 012 115 ED 048 445

Project Crossroads--Phase 1. Final Report (January 15, 1968-May 15, 1969).

National Committee for Children and Youth, Washington, D.C.
Manpower Administration (DOL), Washington, D.C. Office of Special Manpower Programs
EDRS PRICE MF-\$0.65 HC-\$6.58
NCCY Project Crossroads, 527-6th Street, N.W., Washington, D.C. 20001.
PUB DATE -- ND 114p.

DESCRIPTORS - *CORRECTIONAL REHABILITATION; *PRISONERS; *EMPLOYMENT SERVICES; RECIDIVISM; JOB PLACEMENT; PILOT PROJECTS; DELINQUENT REHABILITATION; OUT OF SCHOOL YOUTH; *MANPOWER DEVELOPMENT
IDENTIFIERS - DISTRICT OF COLUMBIA

ABSTRACT - In this pilot program, pretrial manpower services are provided for first

offenders in juvenile and adult courts in the District of Columbia. The project offers intensive services to selected youthful arrestees during a 90-day continuance of their trials. At the end of this period charges may be dropped, on the recommendation of the project staff. About 60 percent of the first 162 participants whose cases received judicial review had their charges dismissed because of satisfactory project participation. Project staff consists of Volunteers in Service to America and community volunteers for supportive services, as well as some ex-offenders. Job placement for youth has been the most serious problem in a city with little industry. The re-arrest rate for participants was 9 percent after the first year and a half of operation. The primary objective of the second phase is to provide an assessment of the impact of project services on participants, but will include continued exploration and improvements. (Author/BH)

VT 012 116 ED 048 446
A Job Placement and Group Vocational Guidance Program for Culturally Deprived High School Youth. Phase I June 28, 1968, through June 30, 1969.

Vocational Guidance Service, Houston, Tex.
Manpower Administration (DOL), Washington,
D.C. Office of Special Manpower Programs
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 69 41p.

DESCRIPTORS - *DISADVANTAGED YOUTH; CULTURAL DISADVANTAGEMENT; *GROUP COUNSELING; *JOB PLACEMENT; *GUIDANCE PROGRAMS; *SECONDARY SCHOOL STUDENTS; OCCUPATIONAL GUIDANCE IDENTIFIERS - HOUSTON

ABSTRACT - This report on the first year's operation of a program providing group counseling and placement services for disadvantaged youth in Houston, Texas, outlines the development of relationships with schools, business, labor, students, and other agencies. It includes an overview of materials presented to the students and techniques used in the presentation. Despite the success of the first year, the program can be improved by increasing individual counseling and cutting the 30-week group program to 18 weeks. Suggestions are made in program developmental sequence to help guidance program administrators establish similar programs elsewhere. (BH)

VT 012 121
Kinnick, Robert J.
Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded (Ohio County). Final Report.

West Virginia State Board of Vocational Education, Charleston, Div. of Vocational Rehabilitation.
Social and Rehabilitation Service (DHEW), Washington, D.C.

AVAILABLE IN VT-ERIC SET.
B DATE - Jan68 90p.

DESCRIPTORS - *VOCATIONAL REHABILITATION; *SPECIAL EDUCATION; *COOPERATIVE PROGRAMS; *TRAINABLE MENTALLY HANDICAPPED; DEMONSTRATION PROJECTS; MENTAL RETARDATION; YOUTH EMPLOYMENT

ABSTRACT - The main purpose of this project was to demonstrate that a coordinated program of vocational rehabilitation and special education could result in employment for a significant number of mentally retarded youths. Project participants, who were between 14 and 21 years of age and were within the I.Q. range of 40 to 83, were chosen through referrals by teachers, administrators, or the field counselor. Having rehabilitated 55 of 231 participants, the project has demonstrated the employability of the mentally retarded in unskilled and semiskilled jobs. Careful considerations of abilities and interests in making job placements, small caseloads for counselors, and full parental cooperation are essential for success. (BH)

VT 012 127 ED 048 447
Galchus, Kenneth Edward
The Elasticity of Substitution of White for Nonwhite Labor.

Washington Univ., St. Louis, Mo.
Manpower Administration (DOL), Washington, D.C. Office of Manpower Research
DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., P.O. Box 1764, Ann Arbor, Michigan 48106 (Order No. 70-26,860, MF-\$4.00, Xerography-\$10.00).
PUB DATE - Jun70 110p.

DESCRIPTORS - *LABOR MARKET; *ECONOMIC FACTORS; *RACIAL DISCRIMINATION; *SALARY DIFFERENTIALS; *NEGROES, ECONOMIC RESEARCH; PRODUCTIVITY; NEGRO EMPLOYMENT; RACIAL SEGREGATION; RACIAL ATTITUDES

ABSTRACT - This study calculates the degree of substitutability between white and nonwhite labor within various occupational categories. In order to determine the extent of racial discrimination and to derive demand curves for nonwhite labor. The model developed in the study treats employer discrimination as a differential between total and money costs to the employer of hiring a nonwhite, whereas employee and consumer discrimination are incorporated into the firm's isoquant. The model avoids the restriction of the Cobb-Douglas production function, assuming only that the function has constant elasticity of substitution between capital and labor. The study concludes that when quality differentials are removed, whites and nonwhites are perfect substitutes, implying that the work force will be totally segregated when there exists a nonzero discrimination coefficient, which measures the utility or disutility of hiring nonwhites. The frequency of integrated firms indicates that many employers and employees have zero discrimination coefficients. The results are useful aids in choosing the proper policy instruments to raise the nonwhite wage rate. This Ph.D. dissertation

was submitted to Washington University. (BH)

VT 012 129

McKinnon, Rachel, and Others
A Follow-up Study of Graduates from a
Vocational Rehabilitation Program in a
Residential Training Center for the Mentally
Retarded.

California State Human Relations Agency,
Sacramento. Dept. of Rehabilitation.
MF AVAILABLE IN VT-ERIC SET.

FSS 70-8-9

California State Human Relations Agency,
Department of Rehabilitation, 714 P Street,
Sacramento, California 95814 (single copies
no charge).

PUB DATE - 21Aug70 47p.

DESCRIPTORS - *VOCATIONAL REHABILITATION;
*VOCATIONAL FOLLOWUP; *MENTALLY HANDICAPPED;
*MENTAL RETARDATION; *RESIDENTIAL PROGRAMS;
RESIDENTIAL CENTERS; GRADUATE SURVEYS;
*PROGRAM EVALUATION

ABSTRACT - To determine the success or
failure of the Agnews State Hospital
Residential Training Program for the Mentally
Retarded, 136 men and women who left the
program as either vocationally rehabilitated
or not vocationally rehabilitated were
interviewed. In addition, employers,
operators of the subjects' place of
residence, and a few families were
interviewed. Data revealed that almost half
of the 136 subjects were judged to be
vocationally rehabilitated at the time that
Department of Rehabilitation services were
discontinued, and 75 percent of those
rehabilitated were still employed.
Vocationally rehabilitated persons averaged
41 years of age, had an average IQ of 46,
spent an average of 2.3 years in the program,
and 18 years in institutions for the mentally
retarded. The rehabilitation rate was higher
among the men than the women. Among those not
rehabilitated, women were more likely to be
residing in the community while men more
often returned to the hospital. The board and
home care operators and employers exhibited
very positive attitudes toward the graduates.
Several followup instruments are appended.
(SB)

VT 012 130

Walker, James A.; Petrocchi, David
A Survey of Physically and Mentally
Handicapped Welfare Recipients Who Have
Vocational Rehabilitation Potential.
Rehabilitation Research Report.

California State Human Relations Agency,
Sacramento. Dept. of Rehabilitation.
MF AVAILABLE IN VT-ERIC SET.

FSS 70-5-4

California State Human Relations Agency,
Department of Rehabilitation, 714 P Street,
Sacramento, California 95814 (single copies
without charge).

PUB DATE - 19May70 35p.

DESCRIPTORS - *HANDICAPPED; TABLES (DATA);
*WELFARE RECIPIENTS; *EMPLOYMENT POTENTIAL;

*VOCATIONAL REHABILITATION; *STATE SURVEYS;
INDIVIDUAL CHARACTERISTICS
IDENTIFIERS - CALIFORNIA

ABSTRACT - This report describes a 1969
survey of recipients of blind aid in Los
Angeles County, followed by a state-wide
survey of disabled welfare recipients. The
survey reached 13 percent of those on welfare
in California, although this varied from 2
percent of those receiving Aid to Families
with Dependent Children to 83 percent of the
recipients of Aid to the Totally Disabled. On
the basis of severity of disability, age,
education, experience, and family or personal
problems, nearly one out of eight welfare
recipients was selected for potential
rehabilitation. The seven tables included in
the report provide a distribution of
referrals by county, age, sex, type of
disability, and disposition after referral.
(BH)

VT 012 131

Savino, Michael T.; Zobo, Lawrence J.
A Two Year Follow-Up of a Cooperative
Vocational Rehabilitation Program at
Metropolitan State Hospital.

California State Human Relations Agency,
Sacramento. Dept. of Rehabilitation.
MF AVAILABLE IN VT-ERIC SET.

FSS 70-4-6

California State Human Relations Agency,
Department of Rehabilitation-714 P Street,
Sacramento, California 95814 (single copies
without charge).

PUB DATE - 1Apr70 19p.

DESCRIPTORS - *VOCATIONAL REHABILITATION;
*MENTAL ILLNESS; *PSYCHIATRIC HOSPITALS;
*COOPERATIVE PROGRAMS; *FOLLOWUP STUDIES;
PATIENTS (PERSONS); INDIVIDUAL
CHARACTERISTICS; TABLES (DATA)

ABSTRACT - To provide results of 2 years
experience with a shared data program and
suggest how a more complete description of
patient characteristics resulting from shared
data can achieve program objectives, 513
referrals to the Metropolitan State Hospital
Cooperative Vocational Rehabilitation Program
during 1967-68 were followed until June 30,
1969. Of every 10 patients referred to the
program during 1968, approximately nine were
closed, with about half the closures
occurring before receiving plan services. Of
the five who received plan services, about
two failed and almost three were
rehabilitated to gainful occupations. In
1968, 24 percent of the closures were
rehabilitated while in 1969, 27 percent were
rehabilitated. Analysis of sociopsychiatric
characteristics yielded these relationships:
(1) The older client is more likely to be
rehabilitated, (2) Females are more likely to
be rehabilitated than males, (3) There was a
tendency for those who had completed either
high school or college to succeed more
frequently than those who had dropped out of
either, (4) Clients who had never married
were significantly underrepresented among the
rehabilitations, and (5) The non-psychotic
patients were more likely to be accepted for

service and, once accepted, more likely to be rehabilitated. (SB)

VT 012 139 ED 050 238
Annual Review of Selected Developments;
Agricultural Education and Training.

United Nations Food and Agriculture
Organization, Rome (Italy).
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - 68 102p.

DESCRIPTORS - *AGRICULTURAL EDUCATION;
TECHNICAL EDUCATION; EDUCATIONAL DEVELOPMENT;
HOME ECONOMICS EDUCATION; COLLEGE CURRICULUM;
RURAL EXTENSION; TEACHER EDUCATION; MANPOWER
UTILIZATION; INSTRUCTIONAL MATERIALS;
*DEVELOPING NATIONS; INTERNATIONAL
ORGANIZATIONS; *FOREIGN COUNTRIES; HUMAN
RESOURCES

ABSTRACT - This document is the second in a series designed to describe agricultural education projects and practices which have been successful in promoting agricultural change and improvement in areas of the world where subsistence agriculture predominates. The projects are included here because of their emphasis on development of human resources and potential use in world settings. The 16 projects described relate to specific agricultural education concerns, such as instructional media, development of areas of production agriculture, educational levels and educational agencies. The production agriculture topics include training courses for fishery staff, horticulturists and forestry. The uses of radio broadcasting and textbooks projects are described. Plans are included on the World Conference on Agricultural Education and Training in Copenhagen, 1970 and the statutes of the joint advisory committee of the FAO, UNESCO, and ILO. (RR)

VT 012 155
Technical Education and Industrial Training.

Papua and New Guinea Univ., Port Moresby.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 265p. Proceedings of the
Lae Seminar (Oct 9-11, 1969).

DESCRIPTORS - **MANPOWER NEEDS; *DEVELOPING
NATIONS; *ECONOMIC DEVELOPMENT; *EDUCATIONAL
COORDINATION; *MANPOWER DEVELOPMENT;
EDUCATIONAL DEVELOPMENT; EDUCATIONAL
PLANNING; INTERAGENCY COOPERATION
IDENTIFIERS - PAPUA; NEW GUINEA

ABSTRACT - As a consequence of an attempt to build rapidly the skilled labor supply needed for development, both fragmentation and duplication of effort have occurred among the many small vocational training programs in Papua and New Guinea. This seminar was held to coordinate the various training activities in a cooperative program of manpower development. The seminar recommended the establishment of a human resources development authority to coordinate programs and provide national manpower information and standards. (Not recommended for hard copy

reproduction due to marginal legibility of original document). (BH)

VT 012 161 ED 050 239
Highcove, J., And Others
Base Engineer Automated Management System
(BEAMS): Implementation/Conversion Team
Education.

Technical Communications, Inc., Los Angeles,
Calif.
Air Force Human Resources Lab., Wright-
Patterson AFB, Ohio
EDRS PRICE MF-\$0.65 HC-\$3.29
AFHRL-TR-69-21
PUB DATE - Oct69 50p.

DESCRIPTORS - *CIVIL ENGINEERING; *MANAGEMENT
SYSTEMS; *MILITARY TRAINING;
*SUBPROFESSIONALS; MILITARY AIR FACILITIES;
ENGINEERING TECHNICIANS; OFFICER PERSONNEL;
ELECTRONIC DATA PROCESSING; *COMPUTER
PROGRAMS; TECHNICAL EDUCATION
IDENTIFIERS - *BASE ENGINEER AUTOMATED
MANAGEMENT SYSTEM; BEAMS; AIR FORCE

ABSTRACT - As part of an effort to replace various types of computer equipment with a single advanced computer system, each of the 17 major air commands formed an Implementation/Conversion (I/C) Team to provide assistance to the approximately 200 Air Force bases involved. This report describes the education course used to prepare the I/C teams. The importance of the training is emphasized for reasons of motivation as well as the educational benefits. The report notes that the use of actual I/C team members as instructors contributed significantly to success of the course. (BH)

VT 012 169
Schmiedeberg, Judy
Follow-Up Study of the Graduates of the
Albuquerque Technical-Vocational Institute.

Albuquerque Technical-Vocational Inst., N.
Mex.
New Mexico Occupational Research and
Development Coordinating Unit, Santa Fe
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Apr70 48p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*GRADUATE SURVEYS; *VOCATIONAL FOLLOWUP;
OCCUPATIONAL CHOICE; SALARIES; STUDENT
CHARACTERISTICS; *COMMUNITY COLLEGES; JOB
TRAINING

ABSTRACT - To determine the success of the training programs of the Albuquerque Vocational-Technical Institute, questionnaires were mailed to 2,236 graduates. Out of the 807 responses, 381 represented day division graduates and 426 represented the evening division. Of the 477 graduates who indicated a salary range, 24 percent have earnings in the \$301-\$400 per month range, with an average of \$369.50 per month. At the full-time employment level, 25 percent were working in non-training-related jobs with an average salary of \$380 per

month, while 66 percent were working at training-related jobs with an average salary of \$393 per month. A total of 144 of the graduates are unemployed, and of these 22 are going to school full time, 83 are unemployed and seeking work, and seven are unemployed but not seeking work. The largest unemployed group is office occupations graduates, followed by sales, health occupations, accounting, and data processing. These and other data are described and presented in tabular form. (SB)

VT 012 174

Conklin, Norma K.
Reading Institute for Vocational Teachers
(March 20, 1969 to June 30, 1970). Director's Report.

Ferris State Coll., Big Rapids, Mich.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul70 39p.

DESCRIPTORS - *VOCATIONAL EDUCATION TEACHERS;
*INSERVICE TEACHER EDUCATION; *READING
INSTRUCTION; READING SKILLS; READING
IMPROVEMENT; *STUDENTS; *PROGRAM EVALUATION;
INSTITUTES (TRAINING PROGRAMS)

ABSTRACT - A 15-month project funded under the Education Professions Development Act was conducted to help 25 Michigan vocational teachers become more aware of their students' reading problems, to introduce teachers to reading skills needed for their subject matter, to provide teachers with material written at a more readable level, and to encourage teachers to upgrade their students' reading proficiency. The four project phases were: (1) revision of the proposal, (2) a 2-week inservice training program for teachers, (3) a study of the impact of the inservice training program upon the high school students taught during the 1969-70 school year, and (4) a final report. During Phase 3, the Diagnostic Reading Test, Forms A (pretest) and B (posttest) were administered to students in the fall and spring, respectively, while the teachers attended three seminars emphasizing vocabulary development, use of the library, and the teaching of a reading activity. Evaluation of students' reading test scores revealed that gains in reading rate, vocabulary, and comprehension performance were made between the pretest and posttest. Evaluation and comments by the teachers and institute director and appended. (SB)

VT 012 178 ED 050 240

Shenk, Faye
Career Indications Among Junior Officers.

Air Force Personnel Research Div., Lackland
AFB, Tex.
EDRS PRICE MF-\$0.65 HC-\$3.29
AFHRL-TR-69-33
PUB DATE - Sep69 19p.

DESCRIPTORS - *MILITARY SERVICE; *CAREER
CE; *LABOR TURNOVER; *OFFICER PERSONNEL;
SATISFACTION; CAREER PLANNING; MILITARY
TRAINING; LONGITUDINAL STUDIES

IDENTIFIERS - AIR FORCE

ABSTRACT - A study of officer input from the principal Air Force commissioning programs was undertaken to determine the predictability of an Air Force officer's career decision and to evaluate relationships between career intent and various demographic, environmental, and attitudinal factors. This report describes the study and provides a preliminary examination of the data collected on a group of officers from the pre-commissioning period through 3 years of service. Based on expressed career intent, the most favorable sources of retention were the commissioning programs for enlisted men. The yearly responses to the career intent statement indicated a decline in career intent at least through the first few years of service. Job characteristic factors found to be most important centered around job satisfaction, such as working under competent supervisors, having a sense of accomplishment, and having an opportunity for advancement. Least important values were represented by such factors as early retirement, travel, and having a definite work schedule. In general, the perceived importance of a reward or working condition in the Air Force showed little relationship to the perceived possibility of achieving that factor. (Author/BH)

VT 012 183

Iverson, Maynard ., Comp.
1970-71 Directory of Post-Secondary Education
in Agricultural and Natural Resource
Occupations.

Ohio State Univ., Columbus. Dept. of
Agricultural Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov70 43p.

DESCRIPTORS - *DIRECTORIES; *POST SECONDARY
EDUCATION; *AGRICULTURE; *NATURAL RESOURCES;
*AGRICULTURAL EDUCATION; VOCATIONAL SCHOOLS;
TECHNICAL OCCUPATIONS; TECHNICAL EDUCATION

ABSTRACT - This national directory of postsecondary education in agricultural and natural resource occupations was compiled from information received from requests sent to persons listed in earlier directories of post-high school institutions. Information is listed alphabetically by state and includes: (1) contact persons on a statewide basis, (2) institutions in alphabetical order within the state, and (3) programs offered by each institution. (GB)

VT 012 184 ED 048 450

Knape, Ronald E.; Lindamood, William A.
Underemployment Estimates by County, United
States, 1960.

Economic Research Service (DOA), Washington,
D.C.
DOCUMENT NOT AVAILABLE FROM EDRS.

AER 166
Superintendent of Documents, U.S. Government
Printing Office, Washington, D.C. 20402
\$3.00).

PUB DATE - Oct69 385p.

DESCRIPTORS - *EMPLOYMENT STATISTICS;
*UNDEREMPLOYED; *DEMOGRAPHY: LOW INCOME
COUNTIES; *LABOR FORCE; NATIONAL NORMS;
*MANPOWER UTILIZATION

ABSTRACT - This is a collection of estimates, by county, of the unutilized labor due to underemployment in 1960. This technique of determining unemployment uses the national median income adjusted for each county's age-color mix, education status, and an employment factor, to provide a county standard against which the actual county median income can be measured. Underemployment exists when even after adjustment for different labor characteristics, the county income is lower than national median income. Because low income and underemployment do not necessarily coincide, public policies to cure either one require knowledge of both. (BH)

VT 012 203

Newton, W.L.
Vocational Instructors Workshops. Final
Descriptive Report.

Florida State Univ., Tallahassee. Dept. of
Vocational Education.
Florida State Dept. of Education,
Tallahassee. Div. of Vocational, Technical,
and Adult Education
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug70 121p.

DESCRIPTORS - *WORKSHOPS; *VOCATIONAL
EDUCATION TEACHERS; *TRADE AND INDUSTRIAL
EDUCATION; COSMETOLOGY; AUTO MECHANICS
(OCCUPATION); AUTO MECHANICS; MACHINE
REPAIRMEN; APPLIANCE REPAIRING; WELDING;
*CREDIT COURSES; TEACHER CERTIFICATION;
*TEACHER EDUCATION

ABSTRACT - Nine 3-week vocational instructors workshops, which were planned by Florida State University and several collaborating industries in cooperation with the Florida State Department of Education, were held from June 16-July 31, 1970. The workshops and their sponsors were: (1) Welding--Hobart Brothers, (2) Auto Mechanics--Ford Motor Company, Chrysler Corporation, and General Motors Corporation, (3) Machine Shop--collaborating industries, (4) Appliance Repair--G.M.C. Frigidaire Division, (5) Small Engines 1 and 2--Kiekhaefer Mercury, and (6) Cosmetology--collaborating consultants and specialists. Included in the reports of each workshop are the participants' names, a brief description of the workshop activities, participant reactions and suggestions for improvement, and a sample of the certification letter. A more complete report of the cosmetology workshop is available as VT 012 204 (also in this issue). (SB)

VT 012 204

Newton, W.L.
Vocational Instructors Workshop in
Cosmetology. Final Descriptive Report.

Florida State Univ., Tallahassee. Dept. of
Vocational Education.
Florida State Dept. of Education,
Tallahassee. Div. of Vocational, Technical,
and Adult Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug70 64p.

DESCRIPTORS - *WORKSHOPS; *VOCATIONAL
EDUCATION TEACHERS; *TRADE AND INDUSTRIAL
EDUCATION; *COSMETOLOGY; COSMETOLOGISTS;
HYGIENE; *TEACHER EDUCATION

ABSTRACT - A 3-week vocational teachers workshop, sponsored by Florida State University in cooperation with the Florida State Department of Education, was held to provide 28 cosmetology teachers and 28 students with current and new information. Topics were: (1) Hair Styling, (2) Chemistry, (3) Law and the State Board, (4) Cold Wave Techniques, (5) Color Technology and Techniques, (6) Make-Up, (7) Student Grooming, (8) Thermal Pressing, Waving, and Curling, and (9) a round table discussion of problems and questions. Outlines of the presentations including illustrations and examinations are included. At the end of the workshop, each participant was asked to fill out an evaluation, and these results are summarized. A related document is available as VT 012 203 (also in this issue). (SB)

VT 012 205

Business Office Culture Project. Final
Report.

YWCA of the U.S.A., New York, N.Y. National
Board.
Manpower Administration (DOL), Washington,
D.C. Office of Special Manpower Programs
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep69 253p.

DESCRIPTORS - *OUT OF SCHOOL YOUTH; *FEMALES;
*BUSINESS EDUCATION; *EMPLOYMENT PROGRAMS;
*WORK EXPERIENCE PROGRAMS; EMPLOYMENT
OPPORTUNITIES; CLERICAL OCCUPATIONS;
VOCATIONAL ADJUSTMENT; COOPERATIVE PROGRAMS

ABSTRACT - This project was organized to test the effectiveness of learning centers set up to improve the employability of young women lacking sufficient skills and work orientation in the business office. The six local projects, in Dallas, Mt. Vernon, Philadelphia, Pittsburgh, St. Louis, and Tacoma, together trained and placed 165 young women in 4- and 5-month programs between July 1968 and April 1969. The project showed that the overall plan could be adapted to local circumstances and coordinated with other agencies to provide a highly successful local employment program for out of school females. (BH)

VT 012 208

Lerman, A., And Others
The Development of Measures of Vocational
Interests and Relevant Aptitudes for the
Deaf. Final Draft.

Lexington School for the Deaf, New York, N.Y.

Social and Rehabilitation Service (DHEW),
Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
RD-2453-S
PUB DATE - Aug69 97p.

DESCRIPTORS - *DEAF; *INTEREST TESTS;
*APTITUDE TESTS; *TEST CONSTRUCTION;
*PERSONALITY STUDIES; VOCATIONAL INTERESTS;
VOCATIONAL APTITUDE; PICTORIAL STIMULI;
VOCATIONAL ADJUSTMENT; PERFORMANCE TESTS
IDENTIFIERS - *MOLECULAR PREFERENCE THEORY

ABSTRACT - This report describes the development of a battery of vocationally relevant measures of interests and aptitudes for use with deaf clients. A sample of 195 deaf students from two schools was rated by peers and teachers, and completed a battery of performance tests. The rating procedure indicated that certain personality traits can be adequately measured by both students and teachers. However, the performance tests showed that short written tests are inadequate to assess vocationally relevant personality traits. Assessment of vocational interest by means of a pictorial interest inventory proves the notion of interest "fields" to be inadequate, and provides tentative support for an alternate theory, the Molecular Preference Theory, which implies that people respond to elements of a job rather than the total job. (BH)

VT 012 210 ED 048 451
Fricke, James E.
Manpower Needs and Manpower Utilization in
Speech Pathology and Audiology. Final Report.

American Speech and Hearing Association,
Washington, D.C.
Social and Rehabilitation Service (DHEW),
Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$13.16
PUB DATE - Nov69 338p.

DESCRIPTORS - *MANPOWER NEEDS; *MANPOWER
UTILIZATION; *SPEECH PATHOLOGY;
*AUDIOLOGISTS; *SPEECH THERAPISTS;
SUBPROFESSIONALS; PROGRAM EVALUATION

ABSTRACT - This study was undertaken to determine manpower needs in speech pathology and audiology by evaluating the effectiveness of present patterns of manpower utilization in reaching the target population. The investigation used four sources of data: (1) site visits to 20 service programs across the nation, (2) questionnaire surveys distributed to all service programs in the field and to all schools with two or more clinicians, (3) a random survey of association members, and (4) quantification of students training in the field based on enrollment figures supplied by the available training programs and schools. The study found serious manpower shortages for both speech clinicians and audiologists, despite a 300 percent rise over the past decade in the number of students receiving degrees in these fields. The results support the need for an educational effort to change negative administrator attitudes regarding the use of supportive personnel to fill manpower shortages. This

conclusion was reaffirmed by participants in a 3-day conference held to examine the findings and make recommendations regarding the optimal utilization of professional and supportive personnel. (BH)

VT 012 213 ED 048 452
Mondart, C.L., Sr., and Others
Educational and Occupational Aspirations and Expectations of High School Youth.

Louisiana State Univ., Baton Rouge. Dept. of
Vocational Agricultural Education.
EDRS PRICE MF-\$0.65 HC-\$6.58
Vo-Ag-Ed-Ser-29
PUB DATE - 70 133p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *SCHOOL
SURVEYS; *PROGRAM EVALUATION; CAREER CHOICE;
CAREER PLANNING; *FAMILY BACKGROUND;
*OCCUPATIONAL ASPIRATION; PARENT INFLUENCE;
VOCATIONAL COUNSELING; HIGH SCHOOL STUDENTS;
OCCUPATIONAL INFORMATION; EDUCATIONAL NEEDS

ABSTRACT - To identify the occupational and educational aspirations and expectations of Louisiana high school students and relate these aspirations and expectations to their background of experiences, 13,607 students (7,021 girls and 6,586 boys) were interviewed in a group situation. The findings suggest that high school students develop strong occupational interests early, with at least tentative choices made before they reach the 11th grade. However, occupational information provided in school has little influence on occupational choices, although there is evidence to show that such material is available. Student educational aspirations and expectations, like those considered vocational, are influenced most by the home and friends, but many develop unrealistic aspirations for prestigious careers when work more appropriate to their abilities should be considered. It was recommended that schools provide early organized and realistic information about career opportunities and that the curricular design should be made more flexible by providing more training options. The interview schedule, student occupational choices, statistical tables, and participating schools are appended. (SB)

VT 012 217
Robon, Nancy C.
The Effectiveness of Teaching Beginning
Typewriting with Television Monitors,
Selectric Typewriters, and an Open-Access
Laboratory.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - May70 79p.

DESCRIPTORS - *BUSINESS EDUCATION;
*TYPEWRITING; *TEACHING METHODS; COMPARATIVE
ANALYSIS; *MASTERS THESES; *LEARNING
LABORATORIES; ACADEMIC ACHIEVEMENT;
EDUCATIONAL TELEVISION; SCHEDULING

ABSTRACT - The purpose of this study was to determine if there is a significant difference in typing achievement between students who learned to type in a traditional

typing class and those who learned using television monitors, selectric typewriters, an open-access laboratory, and a shorter time of actual instruction. A comparative and statistical analysis of student achievement under these two sets of conditions revealed that comparable typing speed can be developed under both. However, since there is no significant difference in typing achievement under these two sets of conditions, there is no reason for college classes and possibly senior high school classes in beginning typewriting to meet every day. This M.A. thesis was submitted to the University of Toledo. (Not recommended for hard copy reproduction due to marginal legibility of original.) (Author/JS)

VT 012 224

Report of the Minnesota State Advisory Council for Vocational Education--1970.

Minnesota State Advisory Council for Vocational Education, St. Paul.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 20p.

DESCRIPTORS - *ADVISORY COMMITTEES; *PROGRAM EVALUATION; PROGRAM IMPROVEMENT; GENERAL EDUCATION; *VOCATIONAL EDUCATION; INDIVIDUAL NEEDS; *SKILL DEVELOPMENT; *EDUCATIONAL NEEDS; EDUCATIONAL POLICY

ABSTRACT - The findings and recommendations of the evaluation of vocational education programs by the Minnesota State Advisory Council are contained in this report. All education must meet the needs, interests, and abilities of the individual, and occupational education must be built upon a firm foundation of basic education, starting with reading, writing, and arithmetic. Skill development for occupational competency is not "extra educational" and must be in concert with all other education programs normal to the process and progress for the individual. It is evident that Minnesota's total education system is falling short, if not failing, in serving individuals as evidenced by failure to give such basic skills as reading to high school graduates and by the large number of high school dropouts. There is a need to redirect Minnesota's educational policy and to consolidate the policy into a single basic policy which provides direction from, and accountability to, the people. Several illustrations augment the text of the report. (SB)

VT 012 226

Towne, Douglas C., Comp.;
Rees, S. Laurie, Comp.
The Disadvantaged and Jobs.

Tennessee Univ., Knoxville.
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul69 20p.

DESCRIPTORS - *CULTURALLY DISADVANTAGED;
MANPOWER DEVELOPMENT; MANPOWER UTILIZATION;
GOVERNMENT ROLE; FEDERAL LAWS; *COOPERATIVE

PROGRAMS; TECHNOLOGICAL ADVANCEMENT

ABSTRACT - There is a great need for public and private support for efforts to remove people from poverty in a society characterized by changing educational needs brought on by technological change. It is the responsibility of those who are helped by the changing economic structure to assist those who are hurt by the change; self-help is no longer a sufficient answer to poverty. The problems, the background, and some of the possible solutions to helping the disadvantaged are discussed in this brochure. (BH)

VT 012 235 ED 048 453

Toward a Career Ladder in Nursing: Upgrading Nurse's Aides to LPNs Through a Work-Study Program. Final Progress Report, April, 1967-May, 1970.

Medical and Health Research Association of New York City, Inc., N.Y.

Manpower Administration (DOL), Washington, D.C.

Office of Education (DHEW), Washington, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - 70 55p.

DESCRIPTORS - *PRACTICAL NURSES; *NURSES AIDES; IMPROVEMENT PROGRAMS; *OCCUPATIONAL MOBILITY; MANPOWER DEVELOPMENT; PROMOTION (OCCUPATIONAL); *WORK STUDY PROGRAMS; DEMONSTRATION PROJECTS; *CAREER LADDERS

ABSTRACT - To arrange a program that would enable nurse's aides to undertake licensed practical nurse (LPN) training without financial sacrifice, a 3-year experimental and demonstration project, funded by the Manpower Administration, was conducted in New York City between October 1967 and September 1969. Through a work-study arrangement, 422 nurse's aides in the municipal hospital system completed a 14-month LPN training course, dividing their time between shifts at their hospitals (20 hours a week) and classroom or clinical training at central locations throughout the city (25 hours a week). The project was considered a success when 385 graduates (91 percent) were licensed as LPNs after passing the New York State licensing examination and returning to their hospitals where they assumed the duties of LPNs. Some recommendations were: (1) All nurse's aides should be processed as potential candidates for upgrading, (2) A remedial academic skill center should be established to encourage hospital staff to improve their basic skills, and (3) Counseling and other supportive services should be continued at the training site. The report also describes the organization and costs of the project, the training program, and ways to improve future programs. (SB)

VT 012 249 ED 048 454

Corwin, R. David
New Workers in the Banking Industry: A Minority Report.

New York Univ., N.Y.

Manpower Administration (DOL), Washington,
D.C. Office of Manpower Research
EDRS PRICE MF-\$0.65 HC-\$6.58
81-34-69-02
PUB DATE - Jun70 138p.

DESCRIPTORS - *MINORITY GROUPS; *EMPLOYMENT OPPORTUNITIES; *BANKING; *CAREER OPPORTUNITIES; *WHITE COLLAR OCCUPATIONS; OCCUPATIONAL MOBILITY; ENTRY WORKERS; NEGRO EMPLOYMENT; PROMOTION (OCCUPATIONAL); SPANISH AMERICANS; MANPOWER UTILIZATION
IDENTIFIERS - NEW YORK CITY

ABSTRACT - To investigate the effects of the employment policies and practices of New York City banks upon minority employment, six banks were selected on the basis of their higher than average minority group employment. Nearly 200 interviews were conducted with bank personnel, including policy formulators, policy executors, and lower level personnel. These nonstructured interviews, each of which was shaped according to the person interviewed, were supplemented by data collected independently by a few of the banks. The results show that many minority workers have been employed recently, but with quite limited upgrading and career mobility. Equal promotion opportunities will require the complete dedication of management, with promotion from within, accompanied by the necessary training to provide career opportunities for entry minority workers. Recommendations include: (1) establishing an internship program providing college tuition plus a salary for part time employment and full time summer employment, and (2) providing a variety of services such as day care, legal, and medical services for employees. (BH)

VT 012 259

Outlook for Computer Process Control:
Manpower Implications in Process Industries.

Bureau of Labor Statistics (DOL), Washington,
D.C.
MF AVAILABLE IN VT-ERIC SET.
Bull 1658
Superintendent of Documents, U.S. Government
Printing Office, Washington, D.C. 20402
(L2.3:1658, \$.70).
PUB DATE - 70 78p.

DESCRIPTORS - *ELECTRONIC CONTROL; *MASS PRODUCTION; AUTOMATION; INDUSTRIAL TECHNOLOGY; MEASUREMENT INSTRUMENTS; *MANPOWER NEEDS; *BLUE COLLAR OCCUPATIONS; EDUCATIONAL NEEDS; EMPLOYMENT TRENDS; *MANUFACTURING INDUSTRY; EMPLOYMENT PROBLEMS

ABSTRACT - To assess the manpower impact of computerized monitoring of production, this report analyzes computer operations in the following process industries: electric power, industrial chemicals, steel, petroleum refining, paper, and cement. The data come from field visits at 12 plants and informal interviews with government and union officials and experts from computer firms, and trade and technical journals and secondary source materials. Although initial costs previously have limited

application of the equipment, the report predicts that the favorable cost/benefit ratio will result in significant growth by 1975. The report notes that employment and industrial relations problems have not materialized because the major effects have been in the required skill mix, with employee upgrading preventing mass layoffs. (BH)

VT 012 262

O'rennan, Jerry
The Effect of Industrial Education on
Educable Mental Retardates Entering the Labor
Force. Final Report.

Education Service Center Region 14, Abilene,
Tex.
Abilene Christian Coll., Tex.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov69 73p.

DESCRIPTORS - *WORK STUDY PROGRAMS; *EDUCABLE MENTALLY HANDICAPPED; *INDUSTRIAL EDUCATION; *VOCATIONAL ADJUSTMENT; EMPLOYER ATTITUDES; *PERSONNEL EVALUATION; ANALYSIS OF VARIANCE

ABSTRACT - This study used employer evaluations to measure the labor market success of educable mental retardates who had received industrial education. An Employee Evaluation checklist was developed by a jury of 12 experts in industrial and special education, including teachers, counselors, and employers. This instrument was distributed to employers of 303 mentally handicapped students from 18 school districts. Using analysis of variance techniques, the study revealed that these students were rated by their employers as cautious and as having better than average relationships with their co-workers. (Not recommended for hard copy reproduction due to marginal legibility of original document.) (BH)

VT 012 270

Preparing the Handicapped for the World of
Work.

East Carolina Univ., Greenville, N.C.
North Carolina State Dept. of Public
Instruction, Raleigh.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 62p. Report of an Inst.
for Occupational Education Teachers and
Related Educational Personnel (Aug 3-21,
1970).

DESCRIPTORS - *INSTITUTES (TRAINING PROGRAMS); *VOCATIONAL EDUCATION; *TEACHER EDUCATION; *HANDICAPPED STUDENTS; EDUCATIONAL OPPORTUNITIES; INSTRUCTIONAL MATERIALS; MATERIAL DEVELOPMENT; CONFERENCE REPORTS; PROGRAM EVALUATION

ABSTRACT - The objective of this 3-week institute was the improvement of professional competencies of 60 participants, occupational educators and related educational personnel selected from schools with specially funded occupational education projects for handicapped students. Daily sessions

discussions, and group or individual development of instructional materials, with four field trips to on-going programs. Evaluation during the institute was accomplished by informal evaluation of the program and facilities by the director and also through periodic mini-reports of small group activities. Analysis of a rating scale and a free response questionnaire completed on the final day of the institute revealed that the program content and presentations were considered effective and stimulating by the participants. The institute program, list of participants, and sample evaluation form are appended. (SB)

VT 012 272

State of Washington Comprehensive Manpower Plan for Fiscal Year 1971.

Washington State Manpower Coordinating Committee, Olympia.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 1Mar70 365p.

DESCRIPTORS - *MANPOWER DEVELOPMENT; *STATE PROGRAMS; *PROGRAM PLANNING; LABOR SUPPLY; MANPOWER NEEDS
IDENTIFIERS - WASHINGTON

ABSTRACT - The Washington 1971 manpower plan is presented in two parts. Each part has four sections: the Tacoma Area Plan, the Seattle-Everett Area Plan, the Balance of State Area Plan, and a State Summary. Part A describes each area, identifies its manpower problems and target populations, and summarizes current manpower activity in the area. Part B lists manpower resources available for the planning year, identifies the target populations to be served, and details how these resources will be used to meet the objectives. In addition, Part B establishes priorities, discusses unmet needs and describes how various agencies and the general community will be involved in the preparation and implementation of the plan. (BH)

VT 012 273

Public Employment and the Disadvantaged: An Annotated Bibliography. Reference File, File No. 4.

National Civil Service League, Washington, D.C.
Office of Economic Opportunity, Washington, D.C. Office of Program Development
MF AVAILABLE IN VT-ERIC SET.

Ref-File-4

National Civil Service League on Public Employment and the Disadvantaged, 1028 Connecticut Ave., N.W., Washington, D.C. 20036.

PUB DATE - Jan70 54p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *MANPOWER UTILIZATION; *DISADVANTAGED GROUPS; *GOVERNMENT EMPLOYEES; *EMPLOYMENT OPPORTUNITIES; MANPOWER DEVELOPMENT; JOB DEVELOPMENT

ABSTRACT - This bibliography includes

material which considers the potential for the disadvantaged in government employment. Designed to be most valuable to those responsible for hiring the disadvantaged within an established civil service system, the bibliography deals only with material which is generally available to the average researcher. (BH)

VT 012 275 ED 048 455

Simon, Harold J., Ed.
Articulations Between Medical and Premedical Education. Proceedings of a Conference (Asilomar, California, June 6 and 7, 1969).

Stanford Univ., Calif.
National Institutes of Health (DHEW), Bethesda, Md. Div. of Physician Manpower
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Jun69 160p.

DESCRIPTORS - MEDICAL EDUCATION; CONFERENCE REPORTS; *PROGRAM COORDINATION; EDUCATIONAL OPPORTUNITIES; *INTERSCHOOL COMMUNICATION; MINORITY GROUPS; DISADVANTAGED YOUTH; CURRICULUM DEVELOPMENT; PHYSICIANS; CURRICULUM PLANNING; *MANPOWER DEVELOPMENT; *ARTICULATION (PROGRAM)

ABSTRACT - This conference, sponsored in part by The Division of Physician Manpower, dealt with the problem of communication between premedical and medical education administrators. Four panels, 13 invited speakers, and free discussion among almost 90 participants provided new insight into problems of poor representation by racial minorities, outdated admissions policies, and a need for more information by premedical advisors. In addition, conferees discussed special programs involving advanced placement and flexible curriculums. (BH)

VT 012 291

Wells, Fred G.
The American Telephone and Telegraph.

Organisation for Economic Cooperation and Development, Paris (France).
MF AVAILABLE IN VT-ERIC SET.
Organisation for Economic Cooperation and Development, 2 Rue Andre-Pascal, Paris XVI, France.
PUB DATE - Jun70 12p. Presented at International Conference on Continuing Training and Education During Working Life (Copenhagen, July 7-10, 1970).

DESCRIPTORS - *INPLANT PROGRAMS; *ON THE JOB TRAINING; *ENTRY WORKERS; *PROMOTION (OCCUPATIONAL); *ADULT VOCATIONAL EDUCATION; CAREER OPPORTUNITIES
IDENTIFIERS - AMERICAN TELEPHONE AND TELEGRAPH COMPANY; AT AND T

ABSTRACT - This report describes the training activities of American Telephone and Telegraph Company (AT and T) and related Bell System operating subsidiaries covering roughly 300,000 employees engaged in the physical plant operations. Due to the traditional policy of AT and T, all employees are hired as youths and expected to continue

for life with the company. The problem of upgrading employees from their entry jobs to more complex ones (during constant technological change) therefore falls upon the company. AT and T's classroom training program, its laboratory training, and the development of instructors are described. (Author/BH)

VT 012 299 ED 048 456
Mooney, Joseph D.; Cain, Glen G.
Urban Poverty and Labor Force Participation
(and Comment).

Wisconsin Univ., Madison. Inst. for Research on Poverty.
Office of Economic Opportunity, Washington,
D.C. Office of Program Development
DOCUMENT NOT AVAILABLE FROM EDRS.

Reprint 43
Institute for Research on Poverty, The
University of Wisconsin, Madison, Wisconsin.
The American Economic Review; v57 n1 p104-119
Mar 1967 and v59 n1 p185-198 Mar 1969.
PUB DATE - Mar69 36p.

DESCRIPTORS - *LABOR ECONOMICS; *LABOR FORCE
NONPARTICIPANTS; *EMPLOYMENT LEVEL;
*ECONOMICALLY DISADVANTAGED; *URBAN SLUMS;
WORKING WOMEN; NEGRO EMPLOYMENT; EMPLOYMENT
OPPORTUNITIES; FAMILY INCOME

ABSTRACT - This report investigates the relationship between the national unemployment rate and labor force participation among the urban poor. In addition to comparing participation by the urban poor to that of the general population, the report pays special attention to married women and blacks. Based on a cross-sectional analysis of the 52 largest Standard Metropolitan Statistical Areas, the report concludes that the average black family attempts to escape poverty during high employment by becoming a multiple earner family. A comment on the report by Glen Cain and the author's response are included. (BH)

VT 012 300
Doeringer, Peter B.; Piore, Michael J.
Internal Labor Markets and Manpower Analysis.

Harvard Univ., Cambridge, Mass.
Massachusetts Inst. of Tech., Cambridge.
Manpower Administration (DOL), Washington,
D.C. Office of Manpower Research
EDRS PRICE MF-\$0.65 HC-\$13.16
PUB DATE - May70 343p.

DESCRIPTORS - *ECONOMIC RESEARCH; *LABOR
MARKET; *BUSINESS; *LABOR ECONOMICS;
*UNEMPLOYMENT; EMPLOYMENT OPPORTUNITIES;
DISADVANTAGED GROUPS; MODELS

ABSTRACT - Using data gathered in a series of interviews with management and union officials in over 75 companies between 1964 and 1969, this report analyzes the concept of the internal labor market and describes its relevance for federal manpower policy. The management interviews, which were mostly in personnel, industrial engineering, and operations areas of manufacturing companies,

were supplemented by data on the disadvantaged provided by civil rights, poverty, and manpower agencies. The report utilizes the framework established in the study to show that the internal market does not imply inefficiency and may represent an improvement in dealing with structural unemployment. (BH)

VT 012 304 ED 048 458
The Manhattan Court Employment Project.
Summary Report on Phase One: November 1,
1967, to October 3, 1969.

Vera Inst. of Justice, New York, N.Y.
Manpower Administration (DOL), Washington,
D.C. Office of Special Manpower Programs
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - 70 102p.

DESCRIPTORS - *PROBATIONARY PERIOD;
*CORRECTIONAL REHABILITATION; *CRIMINALS;
*MANPOWER DEVELOPMENT; COUNSELING; JOB
PLACEMENT; *REHABILITATION PROGRAMS

ABSTRACT - This report on the first 2 years of a projected 3-year project describes an attempt to use counseling and job placement to divert some arrestees from possible jail sentences. Arrestees who meet the criteria for acceptance into the program are granted a 90-day continuance, during which time the staff representative, who is an ex-offender himself, attempts to help the participant find a job or enter a training program. If successful, the representative asks the judge to dismiss charges, preventing the participant from having a criminal record. Out of the first 850 participants, 39 percent had their charges dismissed and only 13 percent were arrested while active in the project. The legal system proved to be quite optimistic about the project, even though more than 3 months was needed in some cases. (BH)

VT 012 311
Walther, Charles C.
A Comparison of the Self Concept of
Vocational and Technical Students.

Missouri Univ., Columbia.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 24p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*COMPARATIVE ANALYSIS; *ACHIEVEMENT; *CAREER
CHOICE; SOCIAL ADJUSTMENT; TECHNICAL
EDUCATION; FAMILY BACKGROUND; *SELF CONCEPT

ABSTRACT - Many students select programs that are not in keeping with their demonstrated abilities. Believing that the student's self concept influences such decisions, this study compared the self concepts of students selecting 1-year programs to students selecting 2-year vocational programs. A comparative analysis of student achievement in these two groups, however, revealed little concrete data concerning such a relationship. Further research is recommended for this area. (Not recommended for hard copy reproduction due to marginal legibility of

original document). (JS)

VT 012 319

The Tennessee State Advisory Council on Vocational Education; For Continued and Further Improvement of Education in Tennessee.

Tennessee Vocational Curriculum Lab.,
Murfreesboro.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 31p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*ADVISORY COMMITTEES; STATE PROGRAMS;
*PERSONNEL SELECTION; PROGRAM IMPROVEMENT;
PROGRAM EVALUATION
IDENTIFIERS - TENNESSEE

ABSTRACT - The State of Tennessee established the State Advisory Council on Vocational Education to advise the State Board on the administration and evaluation of new programs and to make an annual evaluation of vocational education. The 17 members of the advisory committee represent the various areas affecting this aspect of the education process. This booklet presents information concerning the role of the Council and a profile of each of its members. (JS)

VT 012 324

Annual Evaluation Report--FY 1970.

North Carolina State Advisory Council on Vocational Education, Raleigh.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug70 17p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *STATE PROGRAMS; *PROGRAM EVALUATION; PROGRAM PLANNING; ADVISORY COMMITTEES; ANNUAL REPORTS
IDENTIFIERS - NORTH CAROLINA

ABSTRACT - This annual report by the Advisory Council with the help of The Center for Occupational Education at North Carolina University, evaluates North Carolina's program for vocational education in fiscal year 1970. The report lists 16 recommendations in six areas: (1) priorities, (2) interagency coordination and data collection in human resources development, (3) effects of the Vocational Education Amendments of 1968 upon State efforts, (4) effectiveness in serving the people and their needs, (5) consideration of employment opportunities when providing vocational programs, and (6) other factors affecting vocational education opportunities. (BH)

VT 012 334

First Annual Report of the Arizona State Advisory Council for Vocational Education.

Arizona State Advisory Council for Vocational Education, Phoenix. Office of Manpower Planning.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 10oct70 79p.

*VOCATIONAL EDUCATION; *EDUCATIONAL ADMINISTRATION; *ADVISORY COMMITTEES; *ANNUAL REPORTS; EDUCATIONAL NEEDS; STUDENT NEEDS; RESEARCH NEEDS; MANPOWER NEEDS; ADULT EDUCATION; PROGRAM COSTS; COOPERATIVE EDUCATION; EVALUATION CRITERIA; POPULATION TRENDS

ABSTRACT - In accordance with the Vocational Education Amendments of 1968, the Arizona State Advisory Council prepared this first annual report concerning vocational education in the state. Based on an analysis and evaluation of vocational programs, the Council suggests that state agencies can bring about major innovations in the management of the schools to make the educational experience more relevant. The Council goes on to make 18 recommendations directed primarily to the administrative functions of existing state agencies. Data supporting the recommendations are included in the report. (JS)

VT 012 337

Everard, Kenneth E.
Testing and Grading Practices and Opinions of Secondary Teachers in Business and Distributive Education.

Trenton State Coll., N.J. Dept. of Business.
MF AVAILABLE IN VT-ERIC SET.
Department of Business, Trenton State College, Trenton, New Jersey 08625 (no charge).
PUB DATE - 70 36p.

DESCRIPTORS - *BUSINESS EDUCATION; DISTRIBUTIVE EDUCATION; *TESTING; *STUDENT EVALUATION; OPINIONS; EDUCATIONAL NEEDS; RESEARCH NEEDS; *EDUCATIONAL PRACTICE; SECONDARY EDUCATION; SECONDARY SCHOOL TEACHERS; STATE SURVEYS; *GRADING

ABSTRACT - This survey of New Jersey business and distributive teachers was made to ascertain the nature of current practices regarding testing and grading. From the 206 usable instruments received (34 percent return) educators revealed that testing and grading still remains a major problem area for teachers. The survey strongly indicates a need for a testing and grading rationale as a means of helping teachers with these related problems. Included in the recommendations is the need for meaningful dialogues on the part of business and distributive educators regarding testing and grading. (JS)

VT 012 346

Arnold, Barbara L.
The Development of a Procedure for Continuous Evaluation of the Green River High School Business Education Program.

Green River High School, Wyo.
Wyoming Research Coordinating Unit in Vocational-Technical Education, Cheyenne.
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-4-6062729-2083 08
BR-6-2729
PUB DATE - Aug70 50p.

DESCRIPTORS - *BUSINESS EDUCATION; *PROGRAM EVALUATION; *SECONDARY EDUCATION; *PROGRAM IMPROVEMENT; *CURRICULUM DEVELOPMENT; *ADVISORY COMMITTEES; STUDENT NEEDS; FOLLOWUP STUDIES; STANDARDS; MANPOWER NEEDS

ABSTRACT - The purpose of this study was to develop and initiate an evaluation procedure by which the Green River, Wyoming, High School business education program can be continuously and objectively appraised and subsequently improved. The study included (1) a followup of business graduates, (2) a survey of the business community, (3) the establishment of an advisory board, (4) the application of a criterion instrument to indicate whether standards are being met, and (5) the establishment of a curriculum committee. Following the completion of the above steps, a total of 23 conclusions and recommendations were stated regarding the business education program. Among these were that (1) a cooperative work experience program be started, (2) general business be moved to the ninth grade, (3) shorthand I classes have accessibility to typewriters, and (4) more emphasis be placed on teaching positive work attitudes rather than just on teaching skills. (Author/JS)

VT 012 350
Ryan, LaVerne C.
A Comparative Study of State Vocational Cooperative and Simulated Business and Office Programs.

Murray State Univ., Ky. Institutional Studies and Research Committee.
Kentucky State Dept. of Education, Frankfort.
Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Department of Business Education, School of Business, Murray State University, Murray, Kentucky 42071 (no charge).
PUB DATE - 22Sep69 23p.

DESCRIPTORS - *BUSINESS EDUCATION; *VOCATIONAL EDUCATION; COMPARATIVE ANALYSIS; *PROGRAM EVALUATION; *COOPERATIVE EDUCATION; PROGRAM IMPROVEMENT; *OFFICE OCCUPATIONS EDUCATION; TEACHER EDUCATION; SIMULATION

ABSTRACT - In an effort to evaluate vocational business education in Kentucky, programs in several other states were examined. Special attention was given to the cooperative office practice programs, the simulated office practice programs, and teacher education requirements. Following the collection and analysis of data it was concluded that the cooperative office training method is the most meaningful to the high school student with the simulated office approach serving as a good substitute where a work experience program is not feasible. It was also noted that there is a need for cooperative training for prospective business education teachers. (JS)

1 352 ED C45 848
ERIC D.; CAMPBELL, H. F.
BENEFIT ANALYSIS AND THE ECONOMICS OF

INVESTMENT IN HUMAN RESOURCES. AN ANNOTATED BIBLIOGRAPHY.

QUEEN'S UNIV., KINGSTON (ONTARIO). INDUSTRIAL RELATIONS CENTRE.
EDRS PRICE MF-\$1.00 HC NOT AVAILABLE FROM EDRS.
BIBLIOG-SER-NO-5
INDUSTRIAL RELATIONS CENTRE, QUEEN'S UNIVERSITY, KINGSTON, ONTARIO, CANADA (\$10.00)
PUB DATE - 70 217p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *COST EFFECTIVENESS; *ECONOMIC RESEARCH; *HUMAN RESOURCES; INVESTMENT; LITERATURE REVIEWS; RESOURCE MATERIALS; THEORIES; VOCATIONAL EDUCATION

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY PRESENTS 389 CITATIONS OF PERIODICAL ARTICLES, MONOGRAPHS, AND BOOKS AND REPRESENTS A SURVEY OF THE LITERATURE AS RELATED TO THE THEORY AND APPLICATION OF COST-BENEFIT ANALYSIS. LISTINGS ARE ARRANGED ALPHABETICALLY IN THESE EIGHT SECTIONS: (1) HUMAN CAPITAL, (2) THEORY AND APPLICATION OF COST-BENEFIT ANALYSIS, (3) THEORETICAL PROBLEMS IN MEASURING BENEFITS AND COSTS, (4) INVESTMENT CRITERIA AND THE SOCIAL DISCOUNT RATE, (5) SCHOOLING, (6) TRAINING, RETRAINING AND MOBILITY, (7) HEALTH, AND (8) POVERTY AND SOCIAL WELFARE. INDIVIDUAL ENTRIES INCLUDE AUTHOR, TITLE, SOURCE INFORMATION, "HEADINGS" OF THE VARIOUS SECTIONS OF THE DOCUMENT WHICH PROVIDE A BRIEF INDICATION OF CONTENT, AND AN ANNOTATION. THIS BIBLIOGRAPHY HAS BEEN DESIGNED TO SERVE AS AN ANALYTICAL REFERENCE FOR BOTH THE ACADEMIC SCHOLAR AND THE POLICY-MAKER IN THIS AREA. (AUTHOR/JS)

VT 012 360 ED 050 248
Clark, Bernard J.
Police-Community Relations. Criminal Justice Monograph, Volume I, Number 5.

Sam Houston State Univ., Huntsville, Tex.
Inst. of Contemporary Corrections and The Behavioral Sciences.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 69 66p.

DESCRIPTORS - *POLICE COMMUNITY RELATIONSHIP; *POLICE SEMINARS; POLICE SCHOOL RELATIONSHIP; *INTERAGENCY COOPERATION; *COMMUNITY PROGRAMS; PROGRAM DEVELOPMENT; CITIZEN PARTICIPATION; IMPROVEMENT PROGRAMS; *MANPOWER UTILIZATION

ABSTRACT - Recent social unrest has widened the communications gap between police and community. Police-community relations programs are designed to establish a better relationship and understanding between police officers and the citizens. This requires coordination with schools and other community agencies in providing information on the goals and operation of the police department. First, however, police officers themselves must be convinced that such a program is part of their function and that any changes in the status quo will be positive. Also, the program must not compromise the autonomy of the police in enforcing the law, especially

when special interest groups try to achieve preferential treatment. By overcoming these obstacles, a police-community relations program can result in a smoother relationship with the community, reduced crime rates, and a more professional police department with a better image in the community. (BH)

VT 012 363

Apprenticeship Coordinators.

Manpower Administration (DGL), Washington, D.C. Bureau of Apprenticeship and Training.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 28p.

DESCRIPTORS - *APPRENTICESHIPS; *FEDERAL PROGRAMS; *PROGRAM IMPROVEMENT;
*COORDINATORS; PROGRAM ADMINISTRATION;
ADMINISTRATOR RESPONSIBILITY; COST
EFFECTIVENESS
IDENTIFIERS - JOINT APPRENTICESHIP AND
TRAINING COMMITTEE

ABSTRACT - Using training trust funds established by the industries and unions participating in a new apprenticeship program, apprenticeship coordinators are hired to aid the newly-formed Joint Apprenticeship and Training Committee in conducting apprenticeship and other training programs. This pamphlet, which is intended for program administrators, describes the advantages and obligations involved in employing a coordinator. By screening applicants, maintaining records, and consulting with employers, the coordinator can contribute greatly to program efficiency and effectiveness. (BH)

VT 012 366 ED 049 357

Yabroff, Bernard; Matland, Marc A.
New Careers for the Subprofessional.

National Committee on Employment of Youth,
Washington, D.C.
National Center for Educational Research and
Development (DHEW/OE), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
OE-11028
PUB DATE - 70 26p.

DESCRIPTORS - *MANPOWER UTILIZATION;
*EDUCATIONALLY DISADVANTAGED; *CAREER
OPPORTUNITIES; EMPLOYMENT OPPORTUNITIES;
OCCUPATIONAL MOBILITY; JOB DEVELOPMENT;
*SUBPROFESSIONALS; *HUMAN SERVICES; MANPOWER
DEVELOPMENT
IDENTIFIERS - NEW CAREERS

ABSTRACT - The result of a conference on the employment of subprofessionals in human services occupations, this booklet considers the dual role of the schools in both preparing and employing subprofessionals to fill skilled manpower shortages. Noting that New Careers programs fail when administrators and professionals do not accept the subprofessional in a permanent job with career opportunities, the booklet describes the steps necessary to institute a successful program, namely: (1) job design and career development, (2) career ladders in health and

education (3) recruitment, selection, and training, (4) released-time training, and (5) budgeting and planning. This report is based on a full conference report which is available as ED 029 169 (RIE October 1969). (BH)

VT 012 369

Training and Technology; The Effects of a Manpower Training Program on the Personal Lives of Graduates.

Atomic Energy Commission, Oak Ridge, Tenn.
Department of Labor, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov70 41p.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION;
*FEDERAL PROGRAMS; *CHANGING ATTITUDES;
*COMMUNITY INVOLVEMENT; COMMUNITY BENEFITS;
STUDENT ALIENATION; *TRAINEES; WORK
ATTITUDES; SOCIAL ADJUSTMENT; GRADUATES
IDENTIFIERS - *TRAINING AND TECHNOLOGY; TAT

ABSTRACT - Efforts to evaluate the effectiveness of training programs have ignored the effects of training on the graduates' personal lives. This study seeks to fill that gap by examining the impact of the Training and Technology (TAT) program upon trainees. In particular, the study analyzes alienation, community participation, and attitudes toward work and society. Structured interviews and questionnaires provided data on 74 TAT graduates representing 21 percent of the total graduates of the first 2 years of the program. A control group consisted of 74 qualified applicants who were rejected because of lack of training openings. The results indicate that the program graduates participate to a greater extent in community and work organizations, feel less alienated, read more, and hold more skilled jobs at higher income levels. (BH)

VT 012 376

A Study of Vocational Education in the Muscle Shoals Region.

Muscle Shoals Council of Local Governments,
Ala.
Appalachian Regional Commission.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jun70 169p.

DESCRIPTORS - *DEMOGRAPHY; EMPLOYMENT TRENDS;
EMPLOYMENT PROJECTIONS; *ECONOMIC CLIMATE;
*REGIONAL PLANNING; *VOCATIONAL EDUCATION;
*PROGRAM EVALUATION; PROGRAM IMPROVEMENT;
ECONOMIC DEVELOPMENT

ABSTRACT - In response to a high dropout rate and a shortage of skilled manpower in the area, an evaluative study was made of vocational education in the Muscle Shoals region. This report describes the strengths and weaknesses of vocational education in the region within the framework of the regional economy and demography. Finding no inherent weaknesses in the existing system, the report makes recommendations for improvements in facilities, curricula, policies, and public

relations. Included in the report is a schedule for implementation of priorities in immediate, short-run, and long-run phases. (BH)

VT 012 385 ED 047 110
JUERGENSEN, ELWOOD M., COMP.
SUMMARIES OF STUDIES IN AGRICULTURAL
EDUCATION, PACIFIC REGION, 1969-70. AN
ANNOTATED BIBLIOGRAPHY.

CALIFORNIA UNIV., DAVIS. DEPT. OF APPLIED
BEHAVIORAL SCIENCES.
AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON,
D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - DEC 70 44p.

DESCRIPTORS - *ABSTRACTS; *AGRICULTURAL
EDUCATION; *ANNOTATED BIBLIOGRAPHIES; ANNUAL
REPORTS; DOCTORAL THESES; *EDUCATIONAL
RESEARCH; MASTERS THESES

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY OF
RESEARCH IN AGRICULTURAL EDUCATION INCLUDES
33 STUDIES COMPLETED IN 1969-70 IN STATES OF
THE AMERICAN VOCATIONAL ASSOCIATION PACIFIC
REGION. A LIST OF 18 STUDIES IN PROGRESS IN
1969-70 IS ALSO INCLUDED. THE ABSTRACTS ARE
ORGANIZED ACCORDING TO EACH STUDY'S PURPOSE,
METHODS, AND FINDINGS. SOME STUDIES ARE
AVAILABLE FOR LOAN AS INDICATED IN EACH
ABSTRACT. A BRIEF OUTLINE FOR PREPARATION OF
A THESIS OR DISSERTATION SUMMARY IS INCLUDED.
(GB)

VT 012 386
Woodin, Ralph J.
Supply and Demand for Teachers of Vocational
Agriculture in 1970.

Ohio State Univ., Columbus. Dept. of
Agricultural Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Dec 70 33p.

DESCRIPTORS - *OCCUPATIONAL SURVEYS;
*VOCATIONAL AGRICULTURE TEACHERS;
AGRICULTURAL EDUCATION; *AGRICULTURAL
OCCUPATIONS; VOCATIONAL EDUCATION;
QUESTIONNAIRES; AGRICULTURE; *EMPLOYMENT
TRENDS; TABLES (DATA); *TEACHER SUPPLY AND
DEMAND

ABSTRACT - This annual study was conducted to
determine the national supply and demand for
teachers of vocational agriculture for
purposes of planning a nationwide recruitment
program. A questionnaire was completed and
returned by head state supervisors and
teacher educators in all institutions
preparing teachers of vocational agriculture.
The number of vocational agriculture teaching
positions in the United States in 1970, the
percentage of graduates entering various
occupations, enrollment in colleges of
agriculture, types of teaching positions,
placement of graduates, teaching positions by
states and regions, employment by states and
regions, and a 6-year comparison of selected
information on supply and demand of teachers
in vocational agriculture are all contained
in the report. A 70 percent gain in teacher

supply is shown for a 6-year period, with
1,700 persons qualified for teaching
vocational agriculture in the United States
in 1970. The study concludes that a goal of
qualifying 1,800 persons each year is a
realistic one. This study should be useful to
agricultural supervisors and teachers for
preparing recruitment programs. (GEB)

VT 012 387
Ohio Schools of Nursing Notebook for School
Counselors. Fourth Edition.

Ohio Nurses Association, Columbus.
MF AVAILABLE IN VT-ERIC SET.
Ohio Nurses Association, 4000 East Main St.,
Columbus, Ohio 43213 (\$1.25).
PUB DATE - Oct 70 77p.

DESCRIPTORS - *VOCATIONAL COUNSELING;
*SECONDARY SCHOOL COUNSELORS; *NURSING;
*SCHOOLS; ASSOCIATE DEGREES; BACHELORS
DEGREES; HOSPITAL SCHOOLS; STUDENT COSTS;
FINANCIAL SUPPORT; ADMISSION CRITERIA;
EMPLOYMENT OPPORTUNITIES; *DIRECTORIES
IDENTIFIERS - *OHIO

ABSTRACT - Developed to assist counselors in
helping students select high school
preparatory courses and to acquaint them with
opportunities available in the field of
nursing, this handbook lists 64 Ohio schools
of nursing offering basic nursing education
programs approved by the State Board of
Nursing Education and Nurse Registration.
Listed as either baccalaureate degree,
associate degree, or hospital diploma
programs, the following information is
provided for each school: (1) descriptive
information, such as number of students,
length of program, and housing, (2) costs,
including tuition and fees, room and board,
and other, (3) profile data of Fall 1969
freshmen class, (4) admission requirements,
(5) financial aid information, (6) admission
procedures, and (7) additional remarks. Test
results of the National League for Nursing
Pre-Nursing Guidance Examination and the
location of the schools of professional
nursing are appended. (SB)

VT 012 388
First Annual Report of the Michigan Advisory
Council for Vocational Education (April 1969
through June 1970).

Michigan State Advisory Council for
Vocational Education, Lansing.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Oct 70 47p.

DESCRIPTORS - *STATE PROGRAMS; *VOCATIONAL
EDUCATION; *PROGRAM DESCRIPTORS; ANNUAL
REPORTS; PROGRAM EVALUATION; ADVISORY
COMMITTEES
IDENTIFIERS - MICHIGAN

ABSTRACT - This first annual report of
Michigan's state advisory council describes
the council's activities and discusses the
numerous public and private vocational
technical education activities in progress in
Michigan. Emphasis is placed on accessibility

and numbers enrolled. Recommendations are included in the broad areas of program planning, support, and accessibility. (BH)

VT 012 389

Evaluation of the State Plan for the Administration of Vocational Education Under the Vocational Education Amendments of 1968.

Arkansas State Advisory Council for Vocational-Technical Education, Little Rock.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 2Sep70 24p.

DESCRIPTORS - *STATE PROGRAMS; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *PROGRAM PLANNING; ADVISORY COMMITTEES; ANNUAL REPORTS; PROGRAM DEVELOPMENT; *PROGRAM EVALUATION
IDENTIFIERS - ARKANSAS

ABSTRACT - This report to the U.S. Office of Education evaluates Arkansas' State Plan for fiscal year 1971. The plan is analyzed in terms of goals, manpower development, effects of Federal laws, orientation toward the people and their needs, and the relationship between educational services and employment opportunities. The report recommends increased efforts to establish a comprehensive high school program throughout the State, with a shift in emphasis away from area vocational schools. (BH)

VT 012 393

First Report, Advisory Council to the Oklahoma State Board of Vocational and Technical Education.

Oklahoma State Advisory Council for Vocational and Technical Education, Oklahoma City.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 11p.

DESCRIPTORS - *STATE PROGRAMS; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; COUNSELING SERVICES; *PROGRAM EVALUATION; ADVISORY COMMITTEES; ANNUAL REPORTS
IDENTIFIERS - OKLAHOMA; VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - This first annual report by the 21-member Advisory Council is the result of an evaluation of vocational-technical education in Oklahoma as required by law. The report discusses one particular aspect of the State's vocational program, counseling and guidance, which was found to be a major problem area. Other priority areas will be analyzed in future studies. (BH)

VT 012 394

"Hire" Education by Decision--Not Default. Second Report.

Oklahoma State Advisory Council for Vocational-Technical Education, Oklahoma City.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 10Oct70 30p.

DESCRIPTORS - *STATE PROGRAMS; *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; TECHNICAL EDUCATION; *PROGRAM DEVELOPMENT; PROGRAM EFFECTIVENESS
IDENTIFIERS - OKLAHOMA

ABSTRACT - This evaluation of the 1969-70 Oklahoma State Plan for Vocational and Technical Education was prepared for the U.S. Office of Education. Conclusions and recommendations are included in five areas: (1) state goals, (2) manpower development programs, (3) effects of Vocational Education Amendments of 1968, (4) people and their needs, and (5) employment opportunities and vocational services required. (BH)

VT 012 396

Financing Occupational Education in New York State. A Statement of Position.

New York State Advisory Council on Vocational Education, Albany.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 5p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *EDUCATIONAL FINANCE; *FINANCIAL NEEDS; FINANCIAL PROBLEMS; *STATE AID; *STATE LEGISLATION; COMMUNITY COLLEGES; ADULT EDUCATION; PRIVATE SCHOOLS
IDENTIFIERS - NEW YORK

ABSTRACT - This position statement of the New York State Advisory Council on Vocational Education concerns the financing of occupational education in the State. The 10 areas addressed include (1) vocational education funding change needed, (2) legislative changes for support of 2-year colleges, and (3) adult occupational education support. (JS)

VT 012 397

Report of the New York State Advisory Council on Vocational Education Teacher Certification Study Committee.

New York State Advisory Council on Vocational Education, Albany, Teacher Certification Study Committee.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug70 3p.

DESCRIPTORS - *TEACHER CERTIFICATION; *STATE PROGRAMS; *TEACHER EDUCATION CURRICULUM; *PROGRAM EVALUATION; TEACHER QUALIFICATIONS; PERFORMANCE TESTS; PERFORMANCE FACTORS
IDENTIFIERS - NEW YORK

ABSTRACT - Teacher certification in New York does not always provide the best teachers. This committee report makes recommendations to improve teacher training and evaluation. (BH)

VT 012 398

Evaluation Report of Vocational-Technical Education in Maryland..

Maryland State Advisory Council on Vocational and Technical Education, Baltimore.

MF AVAILABLE IN VT-ERIC SET.
PUR DATE - Sep70 14p.

DESCRIPTORS - *STATE PROGRAMS; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *PROGRAM EVALUATION; ADVISORY COMMITTEES; ANNUAL REPORTS
IDENTIFIERS - MARYLAND

ABSTRACT - This report is an evaluation of vocational-technical education in Maryland. Specific areas for evaluation include: (1) State goals, (2) manpower development programs, (3) effects of the 1968 Vocational Education Act amendments, (4) effectiveness in serving the people and their needs, and (5) employment opportunities and related training. The report recommends the use of educator workshops, longitudinal followup studies, and local advisory councils. (BH)

VT 012 407

Crocker, Robert K.
A System for Determining Knowledge Requirements in Electronic Technology.

Memorial Univ., St. John's (Newfoundland).
Committee on Publications.
DOCUMENT NOT AVAILABLE FROM EDRS.
The Committee on Publications, Faculty of Education, Memorial University of Newfoundland, St. John's, Newfoundland, Canada (\$1.00).
PUB DATE - 70 48p.

DESCRIPTORS - *TECHNICAL EDUCATION; *CURRICULUM DEVELOPMENT; *COMPARATIVE ANALYSIS; *ELECTRONIC TECHNICIANS; *VOCATIONAL EDUCATION TEACHERS; COURSE CONTENT; PROGRAM DEVELOPMENT; CLUSTER GROUPING

ABSTRACT - The primary aim of this study was to conduct an analysis of electronics technology occupations in terms of knowledge requirements in the subject areas of physics, electricity, and electronics. The basic data collection device was a series of three 0-part instruments applied to a sample of 100 electronics technicians and 14 electronics technology instructors in the Canadian province of Alberta. Both instructors and technicians tended to emphasize applied rather than theoretical electricity topics. Among the recommendations was that emphasis in electricity be on circuits rather than on field theory, and that the orientation in physics be towards wave concepts, modern physics, optics, and basic mechanics and heat. (Author).

VT 012 409 ED 048 459

Allied Health Education. Comprehensive Health Services. Career Development Issues, Volume 1, Number 4.

National Inst. of New Careers, Washington, D.C.
Office of Economic Opportunity, Washington, D.C.

DOCUMENT NOT AVAILABLE FROM EDRS.
National Institute for New Careers, A Division of University Research Corporation,

4301 Connecticut Avenue, N.W., Washington, D.C. 20008.
PUB DATE - Jun70 18p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *CONFERENCE REPORTS; SPEECHES; *SUBPROFESSIONALS; CORE CURRICULUM; JOB ANALYSIS; *JOB DEVELOPMENT; CURRICULUM DESIGN; OCCUPATIONAL MOBILITY; PROMOTION (OCCUPATIONAL); *CAREER LADDERS

ABSTRACT - Papers presented at the 65th annual American Medical Association Congress on Medical Education are contained in this publication. "Core Curriculum in Allied Health Education" by Joseph Hasbarg clusters general subjects into environmental, communicative, and interpretive categories and clusters allied health subjects into those three and an additional directive category. "Development and Growth of New Allied Health Fields" by Israel Light discusses reasons for engaging in job analysis of an specialty or functional area when developing assistant categories, questions to be asked when planning and constructing a new curriculum, separate and joint responsibilities of the educational and medical spheres in development of new fields, and identification of some current activities in allied health occupations development. "Career Mobility in Allied Health Education" by J. Warren Perry examines the needs for career mobility and attempts to implement career ladders. (SB)

VT 012 413 ED 048 460

Moody, Ferman B.
A Description of Special Vocational Education Programs for Disadvantaged Persons in Pennsylvania.

Pennsylvania State Dept. of Education, Harrisburg. Bureau of Vocational, Technical, and Continuing Education.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 70 66p.

DESCRIPTORS - *PROGRAM DESCRIPTIONS; *EDUCATIONAL PROGRAMS; *CULTURALLY DISADVANTAGED; *VOCATIONAL EDUCATION; SPECIAL PROGRAMS; *FEDERAL PROGRAMS
IDENTIFIERS - VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - The Vocational Education Amendments of 1968 challenged vocational educators to set up meaningful services for persons with special needs. Pennsylvania vocational educators feel they have begun to accept this challenge. This report reviews the major programs that received funds for the disadvantaged in Pennsylvania under Public Law 90-576 during the 1970 fiscal year. Each program description includes objectives, personnel, size, duration, and a person to contact for further information. Programs are grouped according to occupational areas, with a special section for programs overlapping between areas. (BH)

50 VT 012 414 ED 048 461
Leadership and Change in Vocational-Technical

Education: Administrators' Workshop for Building Research and Evaluation into Local Practice (Edison, N.J., May 5-6, 19-20, 1970). Final Report.

Rutgers, The State Univ., New Brunswick, N.J.
Dept. of Vocational-Technical Education.
New Jersey State Dept. of Education, Trenton.
Div. of Vocational Education
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Jul70 106p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*CONFERENCE REPORTS; WORKSHOPS; *GUIDELINES;
*RESEARCH UTILIZATION; PROGRAM EVALUATION;
EVALUATION; EDUCATIONAL PLANNING; LEADERSHIP
TRAINING; *EDUCATIONAL CHANGE

ABSTRACT - As part of a 5-year state-coordinated plan for building research and evaluation into the local vocational programs, a state-wide administrators' workshop was held to consider conditions and practices in educational operations which inhibit the use of research findings, and to develop guidelines for minimizing the effect of deterrents to local implementation of research and evaluation in vocational education. The 50 local and national participants of this 4-day workshop heard presentations on: (1) "Research and Evaluation in Local Schools" by Gordon Law, (2) "Priorities for Research and Evaluation" by Robert Worthington, (3) "Federal-State Guidelines for Vocational Education" by Charles O'Connor, (4) "How a County Superintendent of Vocational Education Views Research and Evaluation" by Robert Toft, (5) "Evaluation Supported by Research" by Po Yen Koo, and (6) "Research and Development in Industry" by Pecka and Landauer. Products of the presentations and discussion sessions include (1) Deterrents to Research and Evaluation, (2) Guidelines for Minimizing Deterrents, (3) Guidelines for Building Research and Evaluation into Local Practice, and (4) Guidelines for Specific Action in Home School Districts. (JS)

VT 012 415

Brower, Edward R.
A Study of the Office Employment Expectations of White and Nonwhite Business Education Students..Occupational Research Development Monograph No. 6.

New Jersey State Dept. of Education, Trenton.
Occupational Research and Development Branch.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 21p.

DESCRIPTORS - *BUSINESS EDUCATION; *HIGH SCHOOL STUDENTS; OFFICE OCCUPATIONS;
*OCCUPATIONAL ASPIRATION; *RACIAL FACTORS;
*SOCIOECONOMIC INFLUENCES; STUDENT ATTITUDES;
MOTIVATION

ABSTRACT - This study analyzed the effects of race, achievement, business education, course concentration, and socioeconomic status on the office employment expectations of business education students. Questionnaires were used to obtain data from 1,074 business education students and 215 office supervisory

personnel in central New Jersey. Analysis of the data showed that all the variables have significant effects on expectations. Socioeconomic status, however, is significant only in its effects on expectations related to securing employment and promotions and expectations related to personal traits; in terms of factual office employment information the effect of socioeconomic status is insignificant. Although none of the student subgroups had expectations approaching the responses of the office personnel, the white, high achieving, and secretarial students came closest. These results demonstrate the need for better information in various business courses to improve the accuracy of student expectations. (BH)

VT 012 416

Gurst, Lawrence E.
The Role of the Counselor in Vocational Education. Final Report.

Glassboro State Coll., N.Y. Dept. of Education.
New Jersey State Dept. of Education, Trenton.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 53p.

DESCRIPTORS - *COUNSELOR TRAINING;
*VOCATIONAL EDUCATION; COUNSELOR ROLE;
*COUNSELOR PERFORMANCE; INSERVICE PROGRAMS;
TEACHING MODELS; *COUNSELORS; EVALUATION
TECHNIQUES

ABSTRACT - This program provided training for vocational counselors and created a model for other counselor education programs and local inservice training projects. Vocational education specialists discussed with the participants their roles in vocational education. Each participant was required to identify a specific need within his own school system and develop a positive action approach to cure it. Monthly followup seminars served as a continuing evaluation of the program for 3 months after the summer institute. (BH)

VT 012 417 ED 049 358

Kievit, Mary B.
An Investigation of the Effectiveness of a Design to Initiate Curriculum Change in Home Economics. Pilot Study: Phase 1, Occupational Research Development Monograph No. 5.

Rutgers, The State Univ., New Brunswick, N.J.
Dept. of Vocational-Technical Education.
New Jersey Occupational Research and Development Branch, Trenton.
EDRS PRICE MF-\$0.65 HC-\$9.87
PUB DATE - ND 208p.

DESCRIPTORS - *OCCUPATIONAL HOME ECONOMICS;
*HOME ECONOMICS TEACHERS; *SECONDARY EDUCATION; *CURRICULUM DEVELOPMENT;
WORKSHOPS; INSERVICE TEACHER EDUCATION;
*EDUCATIONAL RESEARCH; TEACHER
CHARACTERISTICS; PILOT PROJECTS

ABSTRACT - To test the effectiveness of a design for stimulating curriculum change,

seven home economics teachers were trained to serve as leaders of seven 2-hour inservice workshops which were designed to motivate the experimental group of 79 secondary home economics teachers to incorporate wage-earning emphases in their programs. All the participants, including a control group of 79 teachers, were interviewed in an attempt to find demographic, dual role, and social-psychological variables that differentiated teachers who included wage-earning emphases from those who did not. Results suggested a positive relationship between wage-earning emphases and being married, maintaining socioeconomic status, having taught longer, high professional involvement, high self-rating of teaching effectiveness, and others. In addition to the interviews, each workshop was evaluated, and pre- and posttests were administered at the conclusion of the workshops. As a result of this pilot study, a followup study is in process. Several study instruments are appended. (SB)

VT 012 438 ED C50 249
Persons, Edgar, Ed.; Copa, George, Ed.
Research in Agricultural Education Program
Beyond High School.

Minnesota Univ., St. Paul. Dept. of
Agricultural Education.
Minnesota Research Coordinating Unit in
Occupational Education, Minneapolis
EDRS PRICE MF-\$0.65 HC-\$3.25
PUB DATE - Oct 70 50p. Report of the Central
Regional Research Conference on Agricultural
Education (Alexandria, Minn., Jul 28-30,
1970).

DESCRIPTORS - *AGRICULTURAL EDUCATION;
*CONFERENCE REPORTS; RESEARCH PROPOSALS;
*EDUCATIONAL RESEARCH; *RESEARCH NEEDS; AREA
VOCATIONAL SCHOOLS; JUNIOR COLLEGES;
COMMUNITY COLLEGES; ADULT FARMER EDUCATION;
YOUNG FARMER EDUCATION; *TECHNICAL EDUCATION
IDENTIFIERS - PROJECT MINI SCORE

ABSTRACT - Concentrating on research in agricultural programs beyond the high schools, this 1970 Central Region conference report includes material applicable to area vocational technical schools, junior and community colleges, and continuing education for beginning and adult farmers. Each of these groups developed a list of interests, needs, and problems for their particular area and generated research proposals which are included in the report. Paper presentations are: (1) "Project Mini-Score" by David Wheller, and (2) "News and Reviews from Washington" by Philip Teske. The business session report and listing of conference staff and participants are appended. (GB)

VT 012 439 ED C50 250
Stevens, Glen L.; Hoover, Norman K.
Vocational-Technical Education in
Agricultural Resources. Final Report.

Pennsylvania State Univ., University Park.
Dept. of Agricultural Education.
Pennsylvania Research Coordinating Unit for
Vocational Education, Harrisburg

EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 69 46p.

DESCRIPTORS - *AGRICULTURAL EDUCATION;
*INSTRUCTIONAL MATERIALS; *PROGRAM CONTENT;
CONSERVATION; RECREATIONAL ACTIVITIES;
*AGRICULTURAL OCCUPATIONS; *PROGRAM
DEVELOPMENT; OFF FARM AGRICULTURAL
OCCUPATIONS; OCCUPATIONAL INFORMATION;
MEASUREMENT INSTRUMENTS; QUESTIONNAIRES;
TECHNICAL EDUCATION; AGRICULTURAL TECHNICIANS

ABSTRACT - Suitable program establishment guides and teaching materials are needed to develop programs in agricultural resources that will qualify students to enter and advance in existing and emerging occupations in the areas of conservation, recreational utilization, and protection and regulations. The first phase of the project sought to determine the attitudes of five groups of 20 agricultural-related persons each toward 56 items of program establishment and 64 items of instructional units. The consensus of opinion among the groups found in 81 percent of the items justifies the use of agricultural resource persons in determining program and instructional content and the development of a guide for establishing programs. The second phase of the project focused on the preparation of a teacher's resource unit for an introductory course for high school students. The survey instruments and the availability of publications developed through the project are appended. (GB)

VT 012 442
Foremen in Indiana Industries; Their
Characteristics, Job Functions, and
Educational Requirements. Manpower Report 70-
2.

Purdue Univ., Lafayette, Ind. Office of
Manpower Studies.
MF AVAILABLE IN VT-ERIC SET.
Office of Manpower Studies, Purdue
University, SCC-A, Lafayette, Indiana 47907
(\$1.75).
PUB DATE - 10 Nov 70 89p.

DESCRIPTORS - *SUPERVISORS; *INDUSTRIAL
PERSONNEL; *EDUCATIONAL NEEDS; *INDIVIDUAL
CHARACTERISTICS; OCCUPATIONAL INFORMATION;
*STATE SURVEYS; INPLANT PROGRAMS; JOB SKILLS

ABSTRACT - To analyze the problem of inadequate preparation of new foremen, this study identifies characteristics of foremen, existing training programs, and new programs which are needed. Response from over half of 563 firms and 6,807 foremen contacted in a state-wide survey yielded data strongly supporting the establishment of an associate degree program. Firms and foremen alike stress the need and desire for an educational program, and both are willing to pay part of the costs. (Not recommended for hard copy reproduction due to marginal legibility of original document.) (BH)

52
VT 012 443 ED 047 116
SCOTT, ELLIS L., ED.; BOLZ, ROGER W., ED.

AUTOMATION AND SOCIETY. THE GEORGIA-RELIANCE SYMPOSIUM.

GEORGIA UNIV., ATHENS.
 RELIANCE ELECTRIC CO., CLEVELAND, OHIO.
 EDRS PRICE MF-\$0.65 HC-\$9.87
 CENTER FOR THE STUDY OF AUTOMATION AND
 SOCIETY, POST OFFICE BOX 47, ATHENS, GEORGIA
 30601 (\$5.75)
 PUB DATE - 69 212P.

DESCRIPTORS - AUTOMATION; CONFERENCE REPORTS;
 *ECONOMIC CHANGE; *SOCIAL CHANGE; SOCIAL
 PLANNING; *SOCIAL STRUCTURE; SOCIOCULTURAL
 PATTERNS; SYMPOSIA; *TECHNOLOGICAL
 ADVANCEMENT

ABSTRACT - IN ORDER TO EXPLORE THE STATUS OF
 TECHNOLOGY AND ITS RELATIONSHIPS WITH AREAS
 OF SOCIAL CONCERN, NEARLY 50 LEADING
 AUTHORITIES IN SOCIAL ORGANIZATION,
 AUTOMATION TECHNOLOGY, EDUCATION, AND
 BUSINESS MET FOR THIS SYMPOSIUM. AMONG THE 12
 ARTICLES IN THIS REPORT ARE POSITION PAPERS
 PREPARED FOR EACH OF THE FOUR AREAS, IN
 ADVANCE OF THE CONFERENCE BY CLIFFORD E.
 EVANSON (TECHNOLOGY), GRANT VENN (EDUCATION),
 HERBERT KLEIMAN (BUSINESS AND THE ECONOMY),
 AND FREDERICK L. BATES (SOCIAL CULTURAL
 DIMENSIONS OF AUTOMATION). AS A RESULT OF THE
 SYMPOSIUM, THE CENTER FOR THE STUDY OF
 AUTOMATION AND SOCIETY WAS ESTABLISHED IN
 ATHENS, GEORGIA, CO-SPONSORED BY THE
 UNIVERSITY OF GEORGIA AND THE RELIANCE
 ELECTRIC COMPANY. (BH)

VT 012 445 ED 047 117
 DILLON, ROY DEAN
 COMPARISON OF CERTAIN ABILITIES NEEDED BY
 WORKERS IN LICENSED NURSERIES AND LICENSED
 ORNAMENTAL HORTICULTURE BUSINESSES.

DOCUMENT NOT AVAILABLE FROM EDRS.
 UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB
 ROAD, ANN ARBOR, MICHIGAN 48106 (ORDER #65-
 7090, MICROFILM 3.40 - XEROGRAPHY 11.95)
 PUB DATE - 65 239P.

DESCRIPTORS - *AGRICULTURAL EDUCATION;
 AGRICULTURAL SKILLS; BUSINESS SKILLS;
 COMPARATIVE ANALYSIS; *DOCTORAL THESES;
 EDUCATIONAL NEEDS; *JOB SKILLS; NURSERIES
 (HORTICULTURE); *NURSERY WORKERS
 (HORTICULTURE); ORNAMENTAL HORTICULTURE;
 *ORNAMENTAL HORTICULTURE OCCUPATION;
 QUESTIONNAIRES; SALES OCCUPATIONS; SALES
 WORKERS; SUPERVISORS

ABSTRACT - TO DETERMINE IF SEPARATE AND
 SPECIALIZED COURSES OF AGRICULTURE ARE NEEDED
 BY WORKERS IN LICENSED NURSERIES AND LICENSED
 ORNAMENTAL HORTICULTURE BUSINESSES, THIS
 STUDY UTILIZED QUESTIONNAIRES OF 100 ITEMS OF
 KNOWLEDGE IN AGRICULTURE. RESULTS INDICATE
 THAT: (1) 84 ITEMS OF KNOWLEDGE IN
 AGRICULTURE ARE NEEDED BY DIRECTORS OF THE
 BUSINESSES, (2) 76 ITEMS OF KNOWLEDGE ARE
 NEEDED BY SALESMEN, (3) 57 ITEMS OF KNOWLEDGE
 ARE NEEDED BY SUPERVISORS, AND (4) 36 ITEMS
 OF KNOWLEDGE ARE NEEDED BY FIELD WORKERS.
 CONCLUSIONS SHOW THAT SOME BASIC COURSES AND
 SOME SPECIALIZED COURSES ARE NEEDED FOR
 GENERAL DIRECTORS, SALESMEN, SUPERVISORS, AND
 FIELD WORKERS. RECOMMENDATIONS ARE THAT ALL

THESE WORKERS BEGIN IN A CURRICULUM OF BASIC
 COURSES AND ADVANCE TO SPECIALIZED COURSES
 UNTIL THE PERSON IS QUALIFIED TO ENTER THE
 POSITION OF HIS CHOOSING. THIS ED.D. THESIS
 WAS SUBMITTED TO ILLINOIS UNIVERSITY. (GB)

VT 012 451 ED 048 462
 Longitudinal Evaluation Study of Five
 Manpower Training Programs: Investigation of
 the Study Sample Design.

Operations Research, Inc., Silver Springs,
 Md.
 Office of Economic Opportunity, Washington,
 D.C. Office of Planning, Research, and
 Evaluation.
 EDRS PRICE MF-\$0.65 HC-\$6.58
 PUB DATE - 30Jun69 149p.

DESCRIPTORS - *MANPOWER DEVELOPMENT; *FEDERAL
 PROGRAMS; *PROGRAM EVALUATION; *EVALUATION
 TECHNIQUES; INCOME; EVALUATION METHODS;
 *RESEARCH DESIGN; LONGITUDINAL STUDIES;
 PARTICIPANT CHARACTERISTICS; EMPLOYMENT; COST
 EFFECTIVENESS; RESEARCH METHODOLOGY

ABSTRACT - This report develops the sample
 design for evaluating five Federal manpower
 programs in terms of their effects upon
 trainees' incomes. The study involves a large
 10-city sample of trainees in Job Corps,
 Neighborhood Youth Corps, Job Opportunities
 in the Business Sector, and Manpower and
 Development Act Institutional Training
 programs (New Careers was originally
 included, but later deleted because of its
 lack of similarity to the other programs).
 After interviews and tests at the beginning
 of training, the enrollee will be followed
 through training and for 12 months afterward.
 A control group will be interviewed at the
 same intervals. This report describes the
 sample design and estimates the necessary
 sample size for given levels of training.
 (Author/BH)

VT 012 452 ED 048 463
 McCall, John J.
 Racial Discrimination in the Job Market: The
 Role of Information and Search.

Rand Corp., Santa Monica, Calif.
 Office of Economic Opportunity, Washington,
 D.C. Office of Planning, Research, and
 Evaluation
 EDRS PRICE MF-\$0.65 HC-\$3.29
 RM-6162-OEO
 PUB DATE - Jan70 35p.

DESCRIPTORS - INFORMATION NEEDS; *LABOR
 MARKET; *ECONOMIC RESEARCH; NEGRO EMPLOYMENT;
 *RACIAL DISCRIMINATION; *ECONOMIC FACTORS;
 *RISK; EMPLOYMENT PRACTICES; EMPLOYER
 ATTITUDES; EMPLOYEE ATTITUDES; EQUAL
 OPPORTUNITIES (JOBS)

ABSTRACT - The theory developed in this study
 assumes that the value of discrimination is
 positive, and its magnitude is a function of
 the business cycle. A changing economic
 environment induces employers to engage in
 experiments, such as hiring nonwhites in
 periods of tight labor markets. When these

experiments alter employer attitudes, reduced discrimination can result. Similarly, employee experimentation in a tight labor market can change their beliefs regarding the intensity of discrimination. Using a Bayesian model to analyze uncertainty, the theory provides an economic explanation for discrimination and its cure. (BH)

VT 012 454 ED 048 464

Bestor, Rollie Ray
A Determination of Selected Criteria to be Utilized in Locating and Establishing Area Vocational Education Schools in Utah. Final Report.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.

Office of Education (DHEW), Washington, D.C.

Bureau of Research.

EDRS PRICE MF-\$0.65 HC-\$3.29

OEG-4-7-063046-1612 08

BR-6-3046

PUB DATE - Jan70 33p.

DESCRIPTORS - *SCHOOL LOCATION; *AREA VOCATIONAL SCHOOLS; *SITE SELECTION; *CRITERIA; COST EFFECTIVENESS; *EDUCATIONAL RESEARCH; EVALUATION TECHNIQUES
IDENTIFIERS - UTAH

ABSTRACT - In order to develop criteria for site selection, this study gathered data from both a review of the literature and a questionnaire survey of state directors of vocational education. Although wide variations in criteria were discovered, five areas of concern were identified: (1) potential enrollment, (2) finances, (3) local support and initiative, (4) employment of graduates, and (5) the relationship between school location and other services. Separate criteria were developed for four types of area schools in Utah. A bibliography of materials helpful in establishing state criteria is appended. (BH)

VT 012 455

Robertson, Von H.
Evaluation of Summer Vocational Classes for High School Students at Utah Technical College at Provo and in Alpine, Nebo, and Provo School Districts 1964-1969. Final Report.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.

Office of Education (DHEW), Washington, D.C.

Bureau of Research.

MF AVAILABLE IN VT-ERIC SET.

OEG-4-7-063046-1612 08

BR-6-3046

PUB DATE - Jan70 37p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *OPINIONS; STUDENT OPINION; *PROGRAM EFFECTIVENESS; HIGH SCHOOL STUDENTS; *FOLLOWUP STUDIES; CAREER CHOICE; CHANGING ATTITUDES; STUDENT ATTITUDES

ABSTRACT - To evaluate the effectiveness of

this technical college summer vocational program as offered for high school students, a survey was made of graduates, parents, and school administrators. Of the 991 students contacted, 393 responded to the questionnaire, and of those, 273 stated that the classes should be continued at the technical college. Also, 109 reported that the training had influenced their choice of careers. The parent survey indicates that the summer program developed more mature attitudes in the students while the administrators felt the school districts should have the prerogative of providing this instruction. Close cooperation between the technical college and district high schools in planning future summer vocational programs was recommended. (JS)

VT 012 462 ED 047 121

BO ARNOLA C.

AN EXPERIMENT TO DETERMINE THE EFFECTS OF IMMEDIATE VERSUS DELAYED KNOWLEDGE OF RESULTS ON INITIAL LEARNING AND RETENTION OF SELECTED RELATED LEARNING IN TRANSCRIPTION CLASSES.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106 (ORDER NO. 67-7190, MF \$4.00 XEROGRAPHY \$10.00)
PUB DATE - JUL 66 205P.

DESCRIPTORS - *BUSINESS EDUCATION; *COLLEGE STUDENTS; *COMPARATIVE ANALYSIS; INSTRUCTIONAL MATERIALS; *LEARNING; OFFICE OCCUPATIONS EDUCATION; *RETENTION; STENOGRAPHY; TEACHING TECHNIQUES

ABSTRACT - TWENTY-FOUR SETS OF SPECIALLY PREPARED TEACHING MATERIALS WERE USED TO DETERMINE THE EFFECTS OF IMMEDIATE VERSUS DELAYED KNOWLEDGE OF RESULTS ON INITIAL LEARNING AND RETENTION OF SELECTED RELATED LEARNINGS IN TRANSCRIPTION CLASSES. INITIAL LEARNING WAS MEASURED BY SCORES ON TESTS GIVEN IMMEDIATELY AFTER THE ADMINISTRATION OF EACH SET OF TEACHING MATERIALS AND TESTING ONLY THESE RELATED LEARNINGS INCLUDED IN THAT PARTICULAR SET OF TEACHING MATERIALS. RETENTION WAS MEASURED BY A POSTTEST GIVEN ONE WEEK FOLLOWING THE ADMINISTRATION OF THE LAST SET OF TEACHING MATERIALS. THE SUBJECTS WERE 138 FEMALE STUDENTS WHO WERE ENROLLED IN ONE OF THE BEGINNING OR ADVANCED TRANSCRIPTION CLASSES TAUGHT AT OKLAHOMA STATE UNIVERSITY. RESULTS INDICATED THAT IN THIS PARTICULAR EXPERIMENT IMMEDIATE KNOWLEDGE OF CORRECT RESPONSE HAD NO SIGNIFICANT EFFECT ON INITIAL LEARNING IN BEGINNING TRANSCRIPTION, BUT IMMEDIATE KNOWLEDGE OF CORRECT RESPONSE SIGNIFICANTLY FACILITATED INITIAL LEARNING IN ADVANCED TRANSCRIPTION. IMMEDIATE KNOWLEDGE OF CORRECT RESPONSE APPEARED TO HAVE NO SIGNIFICANT EFFECT ON RETENTION IN EITHER BEGINNING OR ADVANCED TRANSCRIPTION. THIS ED.D. DISSERTATION WAS SUBMITTED TO OKLAHOMA STATE UNIVERSITY. (AUTHOR)

VT 012 463 ED 048 465

A Study of Career Ladders and Manpower Development for Non-Management Personnel in the Food Service Industry.

Cornell Univ., Ithaca. School of Hotel Administration.
Manpower Administration (DOL), Washington, D.C. Office of Manpower Research
EDRS PRICE MF-\$0.65 HC-\$9.87
PUB DATE - Jun70 222p.

DESCRIPTORS - *EDUCATIONALLY DISADVANTAGED; FOOD SERVICE INDUSTRY; *CAREER OPPORTUNITIES; *FOOD SERVICE WORKERS; OCCUPATIONAL MOBILITY; *MANPOWER DEVELOPMENT; MANPOWER NEEDS; MODELS; PYRAMID ORGANIZATION; LABOR TURNOVER; *CAREER LADDERS

ABSTRACT - Because of its failure to provide career ladders for non-management employees, the food service industry is facing increasingly severe manpower shortages and labor turnover. Unnecessary requirements bar entry workers from many jobs, and training opportunities leave much to be desired. This report identifies the problem areas and develops a model career progression system to promote optimal horizontal and vertical advancement for non-management personnel. Case studies and personal interviews were used to collect data from corporate officials, employees, and former employees of 18 large companies representing all segments of the food service industry. Their responses demonstrate the need for improved recruitment practices and working conditions in jobs offering the opportunity for advancement. (BH)

VT 012 464

1970 Annual Evaluation Report to the State Board for Vocational Education.

Nebraska State Advisory Council for Vocational Education, Lincoln.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug70 10p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *STATE PROGRAMS; *PROGRAM EVALUATION; ANNUAL REPORTS; ADVISORY COMMITTEES
IDENTIFIERS - NEBRASKA

ABSTRACT - This council report is an evaluation of vocational education in Nebraska. Although generally impressed with the State's efforts, the council found much room for program improvement. Recommendations were made in six areas: (1) state goals and priorities, (2) human resources development, (3) adaptability of the program to the requirements of the 1968 Vocational Education Amendments, (4) people and their needs, (5) employment opportunities and implications for vocational education, and (6) guidelines for a state master plan. (BH)

VT 012 466

Bender, Ralph E.
The 1969 Occupations of Recent Graduates of Vocational Agriculture in Ohio.

Ohio State Univ., Columbus. Dept. of Agricultural Education.
MF AVAILABLE IN VT-ERIC SET.
INDEX 010/008

Department of Agricultural Education, The Ohio State University, 2120 Wyffe Road, Columbus, Ohio 43210 (no charge).
PUB DATE - Jan70 6p.

DESCRIPTORS - *GRADUATE SURVEYS; *VOCATIONAL AGRICULTURE; *EMPLOYMENT TRENDS; AGRICULTURAL OCCUPATIONS; *VOCATIONAL FOLLOWUP; *HIGH SCHOOL GRADUATES; STATE SURVEYS; OCCUPATIONAL CHOICE

ABSTRACT - This survey of 1,672 Ohio vocational agriculture graduates from the 1968 and 1964 classes revealed the employment experience of graduates 1 and 5 years after leaving school. When compared with the experience of the 1952-1964 classes after 5 years and the 1959-1968 classes after 1 year, the data show declining number of graduates entering farming, and increases in college and technical school enrollments by graduates. (GEB)

VT 012 467

ED 049 359
Postsecondary Occupational Education Seminar, Federal Programs for the 1970's (Arlington, Virginia, May 10-12, 1970).

American Vocational Association, Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
Office of Governmental Affairs, American Association of Junior Colleges, 1 Dupont Circle, Washington, D.C. 20036 (\$2.00).
PUB DATE - May70 84p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *SEMINARS; *POST SECONDARY EDUCATION; *COMMUNITY COLLEGES; PUBLIC POLICY; *FEDERAL PROGRAMS; EDUCATIONAL QUALITY; PROGRAM ADMINISTRATION; PROGRAM PLANNING; EDUCATIONAL ACCOUNTABILITY; EDUCATIONAL OPPORTUNITIES

ABSTRACT - Members of the American Vocational Association and the American Association of Junior Colleges along with Congressional and Department of Health, Education, and Welfare staff members and resource persons, attended a 3-day seminar to probe national policy and federal programs as they affect occupational education. Seminar activities included major presentations by Kenneth Hoyt, Carl Perkins, Harry Hogan, Albert Quie, Charles Lee, and Ralph Yarborough as well as group work on (1) issues of administration and planning, (2) continuing opportunities for occupational education, (3) accountability, (4) professional bonds, (5) accreditation, and (6) quality in occupational education. Texts of the major presentations, remarks by participants, and recommendations by the issue groups are included. A major recommendation stemming from the seminar is that vocational education and community colleges should work together. (SB)

VT 012 468

Stats, Jeanette
Door to Opportunity. Title V, Economic Opportunity Act. A Summary Report of the Work Experience and Training Program, 1964-1969.

Community Services Administration (DHEW),

Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Feb70 67p.

DESCRIPTORS - *FEDERAL PROGRAMS; EVALUATION METHODS; *WORK EXPERIENCE PROGRAMS; *ADULT VOCATIONAL EDUCATION; *CULTURALLY DISADVANTAGED; *COST EFFECTIVENESS; PROGRAM EVALUATION; EMPLOYMENT PROGRAMS; PARTICIPANT CHARACTERISTICS; PROGRAM DESCRIPTIONS; WELFARE RECIPIENTS
IDENTIFIERS - *ECONOMIC OPPORTUNITY ACT

ABSTRACT - Title V of the Economic Opportunity Act of 1964, which was oriented toward making welfare recipients productive, created a total of 344 projects serving 228,000 persons. These projects, which were administered by state and local public welfare agencies, provided basic education, medical and social services, placement, and training oriented to local job markets. Benefit cost analysis has been unsatisfactory in evaluating the projects, because many of the benefits cannot be measured quantitatively. Intangible benefits such as pride and hope cannot be put in dollar terms. However, even when these benefits are ignored, and only costs and benefits to society are considered, the results have more than justified the investment. (BH)

VT 012 469 ED 048 466
Cha, Laurence C.
An Econometric Model for Forecasting Income and Employment in Hawaii.

Hawaii Univ., Honolulu. Economic Research Center.
EDRS PRICE MF-\$0.65 HC-\$6.58
Economic Research Center, University of Hawaii, 1110 University Avenue, Room 401, Honolulu, Hawaii 96814 (\$2.50).
PUB DATE - Jun70 146p.

DESCRIPTORS - *MATHEMATICAL MODELS; ECONOMIC RESEARCH; ECONOMIC CHANGE; *ECONOMIC FACTORS; ECONOMIC CLIMATE; *MULTIPLE REGRESSION ANALYSIS; *INCOME; *EMPLOYMENT LEVEL; RESEARCH METHODOLOGY; EMPLOYMENT PROJECTIONS; ECONOMIC DEVELOPMENT

ABSTRACT - This report presents the methodology for short-run forecasting of personal income and employment in Hawaii. The econometric model developed in the study is used to make actual forecasts through 1973 of income and employment, with major components forecasted separately. Several sets of forecasts are made, under different assumptions on external conditions, demonstrating the model's value in comparing the effects of different government policies. Sample forecasts for the 1966-68 period which were made as a test of the model's predictive powers show that the model is quite accurate, especially in projecting employment. (BH)

VT 012 471
Picou, J. Steven; Azuma, Henry T.
Occupational and Educational Projections of Deep-South Delinquent and Non-Delinquent Black Males.

Louisiana State Univ., Baton Rouge.
Department of Agriculture, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 29p. Presented at the Annual Meeting of the Southern Sociological Society (33rd, Atlanta, Ga., Apr 9-11, 1970).

DESCRIPTORS - *ECONOMICALLY DISADVANTAGED; *ACADEMIC ASPIRATION; *OCCUPATIONAL ASPIRATION; GRADE 9; *NEGRO STUDENTS; MALES; DELINQUENTS; LOWER CLASS STUDENTS; TABLES (DATA)
IDENTIFIERS - LOUISIANA

ABSTRACT - To provide information on the occupational and educational projections of lower-class delinquent and non-delinquent black youth residing in a selected area of Louisiana, data were obtained from group-administered questionnaires presented to 73 institutionalized and 68 non-institutionalized black ninth-grade boys. Two open-ended questions were utilized to obtain the occupational aspirations and expectations of the respondents. The study revealed that the boys were oriented toward upward social mobility, and their goals and plans definitely exceeded the existing social positions of their parents. The occupational aspirations of both delinquent and non-delinquent boys fell primarily in professional, glamour, and skilled occupations. Large proportions of both groups indicated that they desired some form of college-level training. Several data tables are included. (SB)

VT 012 474 ED 048 467
Kahler, Alan A.
An Experimental Evaluation of the Effectiveness of Selected Techniques and Resources on Instruction in Vocational Agriculture.

Iowa Agricultural and Home Economics Experiment Station, Ames.
Iowa State Univ. of Science and Technology, Ames.
Iowa State Dept. of Public Instruction, Des Moines. Vocational Education Branch
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 70 44p.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *INSTRUCTIONAL AIDS; STATISTICAL ANALYSIS; SECONDARY SCHOOL STUDENTS; VOCATIONAL AGRICULTURE TEACHERS; RESEARCH METHODOLOGY; EXPERIMENTAL PROGRAMS; CONTROL GROUPS; *EXPERIMENTAL TEACHING; *TEACHING METHODS; CONVENTIONAL INSTRUCTION; EFFECTIVE TEACHING; EVALUATION TECHNIQUES; *TEACHING TECHNIQUES

ABSTRACT - The study was designed to test new instructional techniques in vocational agriculture, determine their effectiveness on student achievements, and compare individual and group instructional techniques. Forty-eight randomly selected Iowa high school vocational agriculture programs with enrollments of 35 students or more were selected for testing the instructional approaches, using seven pilot programs and one control group. The eight approaches

included (1) audio-tutorial, (2) single concept film, (3) prepared lesson plan, (4) field trip, (5) demonstration, (6) video-tape, (7) overhead projected transparency, and (8) traditional instructional materials, covering four different units, were designed by the investigators specifically for this study. Posttests indicated that all eight approaches had been effective, thereby suggesting that these techniques be considered by vocational agriculture instructors. (GER)

VT 012 476

Transitional Manpower Programs. A Status Report.

Department of Defense, Washington, D.C.
Assistant Secretary of Defense (Manpower and Reserve Affairs).
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Oct70 67p.

DESCRIPTORS - *MILITARY PERSONNEL;
INTERAGENCY COORDINATION; *ADULT VOCATIONAL EDUCATION; VOCATIONAL COUNSELING; *TRANSFER OF TRAINING; VOCATIONAL RETRAINING; MILITARY TRAINING; *VOCATIONAL ADJUSTMENT; *JOB PLACEMENT; PROGRAM DESCRIPTIONS
IDENTIFIERS - TRANSITION PROGRAM; REFERRAL PROGRAM; GENERAL SEPARATIONS

ABSTRACT - Transitional manpower program including TRANSITION, REFERRAL, and General Separations, provide the adjustment mechanism necessary for transition from military to civilian occupations. TRANSITION provides guidance, training, and placement information to servicemen during the last 6 months of duty, whereas REFERRAL acts as a computerized man-job matching system for retiring servicemen. All administrative activities required for separation are handled under General Separations. Intergovernmental cooperation in these programs is substantial; care is taken not to duplicate services offered by other agencies. Federal manpower programs, state employment services, and other labor department and state agencies are utilized whenever possible. (BH)

VT 012 481

Arizona Basic Economic and Manpower Data.

Arizona State Employment Security Commission, Phoenix.
MF AVAILABLE IN VT-ERIC SET.
Res Info Ser EC0-2-70
PUB DATE - Sep70 61p.

DESCRIPTORS - *LABOR FORCE; *MANPOWER NEEDS; *DEMOGRAPHY; *EMPLOYMENT STATISTICS; *ECONOMIC CLIMATE; EDUCATIONAL OPPORTUNITIES; MANPOWER DEVELOPMENT; FEDERAL PROGRAMS

ABSTRACT - This report describes Arizona's economic climate and manpower problems and the educational programs which have resulted to meet the needs. Manpower needs and programs are provided by county, and employment statistics by county for 1968 and 1969 are appended. This report is a revision of VT 009 762 (ARM Fall 1970). (BH)

VT 012 483 ED 047 126

ROSS, B. JOHN
MUSEUM RESOURCES AND THEIR UTILIZATION IN INDUSTRIAL ARTS EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 374P. SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF EDUCATION IN THE SCHOOL OF EDUCATION, N.Y.U.

DESCRIPTORS - DOCTORAL THESES; GUIDELINES; *INDUSTRIAL ARTS; *INSTRUCTIONAL MATERIALS; *MUSEUMS; NATURE CENTERS; QUESTIONNAIRES; *RESOURCE MATERIALS; UNIT PLAN
IDENTIFIERS - *NEW YORK

ABSTRACT - TO DEVELOP A PLAN FOR UTILIZATION OF MUSEUM RESOURCES FOR INDUSTRIAL ARTS EDUCATION, QUESTIONNAIRES WERE UTILIZED TO OBTAIN INFORMATION FROM PILOT STUDIES, EDUCATOR GROUP MEMBERS AND MUSEUM PROFESSIONALS. EXAMINATION OF DATA INDICATES THAT MUSEUMS REPRESENT A POTENTIAL RESOURCE APPROPRIATE TO INSTRUCTIONAL UTILIZATION FOR INDUSTRIAL ARTS EDUCATION. AS A RESULT OF THE STUDY, A SUGGESTED PLAN FOR UTILIZATION OF MUSEUM RESOURCES WAS DEVELOPED AS AN INSTRUCTIONAL GUIDE DESIGNED TO ACQUAINT INDUSTRIAL ARTS EDUCATORS WITH MUSEUMS AND THEIR RESOURCES AS SUPPLEMENTAL INSTRUCTIONAL AIDS. GUIDING PRINCIPLES RELATING TO THE UTILIZATION OF MUSEUM RESOURCES ARE PRESENTED. THIS ED.D. DISSERTATION WAS SUBMITTED TO NEW YORK UNIVERSITY. (GB)

VT 012 486

Wanerus, S.J.
A Chronology of Business Education in the United States.

National Business Education Association, Washington, D.C. Publications Committee.
DOCUMENT NOT AVAILABLE FROM EDRS.
National Business Education Association, 1201 Sixteenth Street, N.W., Washington, D.C. 20036 (\$25).
PUB DATE - 69 11p.

DESCRIPTORS - *BUSINESS EDUCATION; VOCATIONAL EDUCATION; *HISTORY; CHARTS

ABSTRACT - This chronology begins with 1635, the year business education made its appearance in the new world, and runs through 1968 and the signing of the Vocational Education Amendments. Important dates, names and events are included. This document is a revision of an article that first appeared in Centennial Issue (May 1957) of "The Forum." Some new items have been added; many have been brought up to date. (JS)

VT 012 487 ED 049 360

Gartland, Thomas G.; Carmody, James P.
Practices and Outcomes of Vocational-Technical Education in Technical and Community Colleges.

American Coll. Testing Program, Iowa City.
Iowa. Research and Development Div.

EDRS PRICE MF-\$0.65 HC-\$1.29
ACT-RR-37
PUB DATE - Oct 70 49p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*COMMUNITY COLLEGES; *TECHNICAL INSTITUTES;
*INSTITUTIONAL RESEARCH; *COUNSELING
SERVICES; COMPARATIVE ANALYSIS; SCHOOL
SURVEYS; STUDENT ENROLLMENT; EDUCATIONAL
BENEFITS

ABSTRACT - A study of 2-year post secondary institutions was conducted to provide more adequate information about institutional guidance and research programs. A questionnaire was sent to 351 vocational-technical schools that offered no transfer programs, and a slightly different version was sent to 689 community or junior colleges offering both college transfer work and vocational-technical programs. Data were requested on counseling, research, data collection, program completion, transfer rates, and graduates' employment experiences. The results showed that vocational schools collected more extensive standardized data for selection purposes, whereas community colleges provided more comprehensive counseling. Research by community colleges was oriented toward demographic studies, unlike the vocational schools, which mainly conducted studies of student satisfaction and success both in school and after leaving. Vocational school graduates were less likely to transfer or drop out. (Author/BH)

VT 012 494

Report of an Evaluation of the Vocational-Technical Program in South Dakota.

South Dakota State Advisory Council on Vocational and Technical Education, Pierre.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Aug 70 141p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *STATE PROGRAMS; *PROGRAM EVALUATION; ADVISORY COMMITTEES; ANNUAL REPORTS; MANPOWER NEEDS; DISADVANTAGED GROUPS; PROGRAM IMPROVEMENT IDENTIFIERS - SOUTH DAKOTA

ABSTRACT - This evaluation study was made to determine how well South Dakota has met its objectives in secondary, postsecondary, and adult vocational education, in terms of responding to manpower requirements and meeting the needs of the disadvantaged. Out of 49 objectives established for the 1969-70 school year, 28 were met. Recommendations are made for improvements in developing area schools, administering programs at the state level, and meeting educational objectives. (BH)

VT 012 495

1970 Evaluation Report on Wyoming Occupational Education.

Wyoming State Advisory Council on Occupational Education, Cody.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep 70 21p.

DESCRIPTORS - *STATE PROGRAMS; *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; ADVISORY COMMITTEES; ANNUAL REPORTS IDENTIFIERS - WYOMING

ABSTRACT - This evaluation of vocational education in Wyoming describes progress in five areas: (1) state goals, (2) human resources development, (3) adjustment to the 1968 Vocational Education Amendments, (4) effectiveness in serving people's needs, and (5) occupational opportunities. The report recommends improvements in several areas, including planning, evaluation, and target population selection. (BH)

VT 012 497

Special Project for the Implementation of Cooperative Education.

Omaha Public Schools, Nebr. Dept. of Vocational and Adult Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 21p.

DESCRIPTORS - *COOPERATIVE EDUCATION; *PROGRAM DEVELOPMENT; *SCHOOL INDUSTRY RELATIONSHIP; *COMMUNITY SURVEYS; *PROGRAM PROPOSALS; VOCATIONAL EDUCATION; ADULT EDUCATION; PROGRAM IMPROVEMENT; DISADVANTAGED YOUTH; PROGRAM PLANNING

ABSTRACT - The Special Program for the Implementation of Cooperative Education (SPICE) was conducted between June 15 and August 15, 1970 to determine the willingness of business and industry to serve as active resource personnel in classroom activities and to determine the means available in the business world that will help meet the needs of disadvantaged youth. A total of 776 business firms were contacted through personal interviews, and 599 firms approved the expansions of programs and 442 indicated a possibility of accepting student trainees. Results indicated that these and other objectives were achieved. (Author/JS)

VT 012 498

Thomas, Hollie B.; Leighty, George W. Knowledge and Skills Needed by Employees in Agricultural Supply Businesses: A Cooperative and Factor Analytic Study.

Illinois Univ., Urbana-Champaign.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jul 70 56p.

DESCRIPTORS - *AGRICULTURAL SUPPLY OCCUPATIONS; *VOCATIONAL AGRICULTURE; *EDUCATIONAL NEEDS; CURRICULUM DEVELOPMENT; *EMPLOYMENT QUALIFICATIONS; JOB SKILLS; JUNIOR COLLEGES; FACTOR ANALYSIS

ABSTRACT - Eight Illinois junior colleges cooperated with this study, which sought to provide information useful in planning agricultural supply programs to meet student needs. Questionnaires were mailed to instructors, employers, and students to determine the degree of consensus in rating various job skills. Similarities between the three groups show that the instructors

correctly perceive the needed knowledge and skills. Factor analysis produced meaningful clusters of items that could be used as either a grouping of instructional units or areas of a training plan to be prescribed for an individual student. (BH)

VT 012 505

Hull, William L.
Implementing Evaluation Findings.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 19p. Presentation made at a workshop on Evaluating Programs of Vocational Education (Lexington, Ky., Oct. 21, 1970).

DESCRIPTORS - *VOCATIONAL EDUCATION; EVALUATION; *PROGRAM EVALUATION; *PERCEPTION; *EDUCATIONAL CHANGE; COMMUNICATION PROBLEMS; *RESEARCH UTILIZATION; ADMINISTRATOR ROLE; BIAS; GUIDELINES

ABSTRACT - The incorporation of findings as a segment of the evaluation process can be enhanced or retarded by the disposition of the chief school administrator and the individual biases held by each of us. The implementation process contains stages of adoption which prescribe activities for installation. Individuals' perceptions of proposed changes dictate their reactions to them. Evaluation findings must be communicated to potential users in clear, purposeful language which emphasizes their relative advantages. This is necessary because systematic implementation of evaluation findings demands commitment of people to ideas and a belief in planned change as a viable alternative to existing programs. (Author/JS)

VT 012 507

A Report of the National Center for World-of-Work Economic Education Programs.

Henderson State Coll., Arkadelphia, Ark. M.H. Russell Center for Economic Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep70 5p. For the Annual Meeting of the Committee of Affiliated Council and Center Directors of the Joint Council on Economic Education (2nd).

DESCRIPTORS - *VOCATIONAL EDUCATION; INFORMATION DISSEMINATION; INFORMATION STORAGE; *EDUCATION SERVICE CENTERS; RESOURCE MATERIALS; RESEARCH; EDUCATIONAL RESEARCHERS; *PROGRAM DEVELOPMENT; *ECONOMICS; *LEADERSHIP RESPONSIBILITY; ANNUAL REPORTS

ABSTRACT - The role of the M.H. Russell Center for Economic Education is to provide nationwide leadership in seeing that economic education makes an appropriate response by preparing people for the world of work. This leadership consists of carrying out many of the traditional functions of the center, but concentrating attention on world-of-work programs. Specific activities of the center included inservice training programs and

the development and distribution of materials explaining the contribution that economic education can make to vocational education. The cooperation of other centers and councils is requested to assure that economic education plays its rightful role in world-of-work programs. (JS)

VT 012 508

Occupational Employment Statistics, 1960-67.

Bureau of Labor Statistics (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Bulletin 1643
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L2.3:1643, \$.50).
PUB DATE - 70 46p.

DESCRIPTORS - *EMPLOYMENT STATISTICS; *EMPLOYMENT TRENDS; *OCCUPATIONAL SURVEYS; EMPLOYMENT PATTERNS; *NATIONAL SURVEYS; *LABOR FORCE

ABSTRACT - Data for the period 1960-1967 were compiled from a national sampling of employer reports, licensing statistics, professional society membership records, and household interviews. Eighteen tables present data tools on average employment by occupational groups, selected professional groups, industries, size of establishment, and government agencies. Two earlier editions of this report which together cover the period from 1947 to 1966 are available as ED 023 853, or VT 006 374 (ARM Summer 1969) and VT 006 692 (ARM Summer 1970). (BH)

VT 012 514

Gillie, Angelo C., And Others
Geographic-Job Mobility of the Pennsylvania State University Two-Year Technician Graduates.

Pennsylvania State Univ., University Park. Dept. of Vocational Education.
Pennsylvania State Dept. of Education, Harrisburg. Bureau of Vocational, Technical, and Continuing Education
MF AVAILABLE IN VT-ERIC SET.
Voc-Ind Ed RR
PUB DATE - Dec70 65p.

DESCRIPTORS - *OCCUPATIONAL MOBILITY; JOB ANALYSIS; *RELOCATION; *DRAFTSMEN; *ELECTRONIC TECHNICIANS; ASSOCIATE DEGREES; *GRADUATE SURVEYS; SALARIES; MULTIPLE REGRESSION ANALYSIS

ABSTRACT - This study of associate degree electronics and drafting design graduates identified mobility factors and job activity characteristics and analyzed the relationships between the variables. A stratified random sample of 33 percent of 6,200 graduates during the 1965-1969 period provided the data. A random sample of nonrespondents was used to verify that the respondents were representative of the entire population. Using zero-order correlations and multiple regression analysis, the study found six relationships between the job-residence

change variable and other mobility factors. The choice between types of work, whether related to data, people, or things, was found to be related in 15 combinations to the mobility factors. Significant differences were found between the electronics and drafting design graduates. (BH)

VT 012 515

Ward, William Gary
Process Evaluation of Vocational Education.
Review and Synthesis of Selected "Research in Education" Documents January 1, 1968 to August 31, 1970.

Oklahoma Vocational Research Coordinating Unit, Stillwater.
MF AVAILABLE IN VT-ERIC SET.
RCU Report No. 12
PUB DATE - Dec70 31p.

DESCRIPTORS - *SYNTHESIS; *EVALUATION;
*VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH;
RESEARCH REVIEWS (PUBLICATIONS); SYSTEMS
APPROACH; DECISION MAKING
IDENTIFIERS - PROCESS EVALUATION

ABSTRACT - Evaluation has become increasingly important in federally funded educational programs. The only concern in this report is the evaluation process as it relates to vocational education. From the original 71 documents concerned with process evaluation listed in "Research in Education" from January 1968 through August 1970, 24 were selected for review and synthesis. The primary purpose of this paper was to eliminate insignificant material and to include data that would be valuable for future process evaluation projects in vocational education. The findings indicate that an insufficient amount of "empirically hard" research is available on process evaluation, that most evaluation relies upon subjective rating scales, and that the current move is toward a systems approach. Recommendations for future studies on process evaluation, based on the findings, are included. (GEB)

VT 012 516

Exploring the World of Work, Grade 6-9.

North Carolina Committee on Occupational Exploration in the Public Schools.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Apr69 38p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
EDUCATIONAL NEEDS; *STUDENT NEEDS; *CAREER
PLANNING; OCCUPATIONAL INFORMATION; *PROGRAM
DEVELOPMENT; PROGRAM EVALUATION; *REPORTS;
EDUCATIONAL STRATEGIES
IDENTIFIERS - *OCCUPATIONAL EXPLORATION

ABSTRACT - A 13-member committee was established in the fall of 1968 to investigate occupational exploration opportunities in junior high schools of North Carolina, determine the need for such a program, and find alternative approaches that might be used to satisfy this need. Revealed through the investigation was an overwhelming

need for occupational exploration in the early grades. To meet this need an 11-point plan which calls attention to the components of this type program is proposed, including points such as the need for teachers to relate subject content more directly to occupations, providing more counseling-coordinating programs, and purchasing commercial materials and equipment. (JS)

VT 012 517

ED 048 468
Manpower Services to Minority Groups: A Desk Reference for ES Personnel.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - ND 85p.

DESCRIPTORS - *MINORITY GROUPS; *EQUAL OPPORTUNITIES (JOBS); *FEDERAL PROGRAMS;
*MANPOWER DEVELOPMENT; *PUBLIC POLICY;
EMPLOYMENT OPPORTUNITIES; CIVIL RIGHTS;
LEGISLATION; ADMINISTRATOR RESPONSIBILITY

ABSTRACT - This desk reference is designed to help Employment Service and other human resources personnel in providing manpower services to minority group members. While emphasizing the need for affirmative action with constant effort to improve training and employment opportunities for minorities, the document describes legal, economic, and cultural aspects of the problem and discusses possible solutions open to program staff. Expanded target audience selection, counseling, testing, training, placement, and job development are considered in this comprehensive guide for manpower personnel. (BH)

VT 012 525

Annual Evaluation Report.

Nevada State Vocational-Technical Education Advisory Council, Carson City.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Sep70 33p.

DESCRIPTORS - *STATE PROGRAMS; *VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *ADVISORY COMMITTEES; ANNUAL REPORTS
IDENTIFIERS - NEVADA

ABSTRACT - This first annual evaluation of Nevada's vocational programs covers current research projects, employers' knowledge of program offerings, and state and local plans for vocational education. Recommendations are made to improve administrative coordination, planning, curriculum coordination, consideration of minorities, cooperation with private agencies, and occupational emphasis. (BH)

VT 012 528

Occupational and Technical Education Needs of Business and Industrial Firms of the Big Horn Basin.

Northwest Community Coll., Powell, Wyo.
Student Personnel Services.

ARM/FALL 71

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Oct68 52p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*EMPLOYMENT OPPORTUNITIES; *MANPOWER NEEDS;
*PROGRAM EVALUATION; COMMUNITY COLLEGES;
*OCCUPATIONAL SURVEYS; EDUCATIONAL NEEDS;
EMPLOYERS; TECHNICAL EDUCATION

ABSTRACT - To help determine employer needs in relation to programs at Northwest Community College, a survey of business and industry was conducted. The survey revealed that employers in the area desire to hire persons with some postsecondary education and that there is a scarcity of qualified employees in the area. Specifically, there seems to be an increased need for qualified employees in the health field, the data processing field, the mechanics area, the general office worker area, and in the graphic arts area. Only eight of the 34 employees said that training needs were being met fairly or very well at this time. The programs that have been established at Northwest Community represent the needs in the area very well and tie in directly with nationwide needs for training programs. Therefore, these programs should be continued. (JS)

VT 012 534
Whypp, David A.
An Aviation Program-- Getting it Off the Ground.

Aviation Distributors and Manufacturers' Association
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 7p.

DESCRIPTORS - *FLIGHT TRAINING; *HIGH SCHOOL STUDENTS; *COURSE DESCRIPTIONS; *PROGRAM GUIDES; HIGH SCHOOL CURRICULUM; INSTRUCTIONAL AIDS; TEACHER EDUCATION; PROGRAM DEVELOPMENT

ABSTRACT - This pamphlet provides guidelines for establishing a high school aviation course. Information is provided on program cost, instruction training, student requirements, program problems, and sources of materials. Although ownership of an airplane is not necessary, the program includes flying experience as well as ground school. (BH)

VT 012 536
New England Labor and the Economy at Year-End 1970. Regional Report Number 71-1.

Bureau of Labor Statistics (DOL), Washington, D.C. New England Regional Office.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 29p.

DESCRIPTORS - *EMPLOYMENT LEVEL; *ECONOMIC CLIMATE; ECONOMIC RESEARCH; EMPLOYMENT TRENDS; *COLLECTIVE BARGAINING; BUSINESS CYCLES; *MANPOWER NEEDS; LABOR FORCE IDENTIFIERS - *NEW ENGLAND

AE - With inflation slowing but still the largest in 20 years, wages and

47

prices hit record levels in New England at the end of 1970. Even though weekly earnings more than kept up with price rises, much greater increases resulting from large negotiated hourly wage increases were prevented by reductions in hours of work, as production and employment fell. Decreases in manufacturing employment were only partially offset by expanding employment in other industries, resulting in a net drop in employment in the region. (BH)

VT 012 538 ED 047 143
MALEY, DONALD
A NEW ROLE FOR INDUSTRIAL ARTS IN THE SENIOR HIGH SCHOOL.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 69 48p. PRESENTED AT THE NATIONAL CONVENTION OF THE AMERICAN VOCATIONAL ASSOCIATION (BOSTON, MASS., DEC. 1969)

DESCRIPTORS - CITIZEN PARTICIPATION; CITIZEN ROLE; *CITIZENSHIP; CURRICULUM DEVELOPMENT; DECISION MAKING; *EDUCATIONAL NEEDS; *INDUSTRIAL ARTS; INDUSTRIAL TECHNOLOGY; MODELS; PROBLEM SOLVING; PROGRAM DEVELOPMENT; *RESOURCE ALLOCATIONS; SECONDARY EDUCATION; SOCIAL PROBLEMS; SPEECHES; *TECHNOLOGY; VOCATIONAL EDUCATION

ABSTRACT - THE TIME HAS COME TO REEXAMINE THE ROLE OF INDUSTRIAL ARTS IN THE HIGH SCHOOLS. OUR SOCIETY IS NO LONGER IN THE INDUSTRIAL ERA BUT RATHER IN THE POST-INDUSTRIAL ERA WHICH IS CHARACTERIZED BY PRESSING SOCIAL PROBLEMS. SOLUTIONS MUST BE FOUND FOR THE PROBLEMS OF POLLUTION, POWER GENERATION, HOUSING, TRANSPORTATION, COMMUNICATION, CONSERVATION, MORE EFFECTIVE RESOURCE UTILIZATION AND INDUSTRIAL PRODUCTIVITY. THE ROLE INDUSTRIAL ARTS CAN PLAY IN THESE AREAS OF CONCERN IS NOT ONE OF FINDING SOLUTIONS BUT RATHER ONE OF EDUCATING THE CITIZENRY TO BE AWARE OF THE IMPLICATIONS OF THESE PROBLEMS. THERE IS NO DOUBT ABOUT THE EXTENT OF OUR TECHNOLOGICAL KNOW-HOW; THE QUESTION IS HOW TO REDUCE THE EVER-WIDENING GAP BETWEEN THE TECHNOLOGISTS AND THE GREAT MASSES OF PEOPLE WHO USE OR MUST MAKE DECISIONS ABOUT THE APPLICATION, ACCEPTANCE, OR REJECTION OF THE TECHNOLOGY. THIS PROPOSAL OUTLINES A SYSTEM OF STUDY FOR THE SENIOR HIGH SCHOOL THAT WILL EDUCATE CITIZENS TO MAKE INTELLIGENT DECISIONS CONCERNING THE FUTURE APPLICATION OF OUR GREAT WEALTH OF TECHNOLOGICAL KNOW-HOW. (AUTHOR/JS)

VT 012 540
Bender, Ralph E.
The 1970 Occupations of Recent Graduates of Vocational Agriculture in Ohio.

Ohio State Univ., Columbus. Dept. of Agricultural Education.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 010/008
PUB DATE - Jan71 13p.

DESCRIPTORS - *GRADUATE SURVEYS; *VOCATIONAL

AGRICULTURE; *EMPLOYMENT TRENDS; AGRICULTURAL OCCUPATIONS; OCCUPATIONAL CHOICE; *VOCATIONAL FOLLOWUP; *HIGH SCHOOL GRADUATES; STATE SURVEYS
IDENTIFIERS - OHIO

ABSTRACT - This survey of 1,400 Ohio vocational agriculture graduates from the 1969 and 1965 classes revealed the employment experience of graduates 1 and 5 years after leaving school. When compared with the experience of the 1952-1965 classes after 5 years and the 1959-1969 classes after 1 year, the data show declining numbers of graduates entering farming, especially on other than their home farms, and increases in college and technical school enrollments by graduates. (BH)

VT 012 544 ED 048 470

Thomas, Virginia P.; Newman, Ann
Pilot Pattern for Home Management Instruction in Area Vocational School Curricula Based on Problems of Young Homemakers Employed Full-Time in Clerical and Sales Occupations. (Continuation of No. 28 and 51). Final Report.

Iowa State Univ. of Science and Technology, Ames. Dept. of Home Economics.
Iowa State Dept. of Public Instruction, Des Moines. Career Education Branch
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Jun70 25p.

DESCRIPTORS - *PILOT PROJECTS; HOME ECONOMICS EDUCATION; *HOME MANAGEMENT; MONEY MANAGEMENT; COMMUNITY COLLEGES; VOCATIONAL SCHOOLS; HIGH SCHOOLS; *CONSUMER EDUCATION; AUDIOVISUAL AIDS; *AUDIOVISUAL INSTRUCTION; *CORRESPONDENCE STUDY; MATERIAL DEVELOPMENT

ABSTRACT - A total of 107 students from a comprehensive vocational facility, a community college, and high school day and night classes participated in a 6-week pilot project to test curriculum materials and implement an instructional method consisting of nine audiovisual instructional packets on management supplemented by correspondence with a master teacher. Reactions obtained through interviews with the teachers and questionnaires administered to the students revealed that the teachers found the materials interesting, helpful, and most successful when used by small groups. About 30 percent of the students reported new knowledge about fixed and flexible expenses, budgeting, opportunity cost, work simplification, impulse buying, and interrelated expenses, while 26 percent reported new knowledge about human resources, goals, and values and 20 percent about standards and levels of living. It was recommended that the materials be used in other types of educational centers, continuous correspondence between master teacher and students be encouraged, and additional units incorporating on-the-job management tasks be created. Several project materials are appended. (SB)

VT 012 545

Health Careers Information Materials.

Health Careers of Ohio, Columbus.
DOCUMENT NOT AVAILABLE FROM EDRS.
Health Careers of Ohio, P.O. Box 5574, 1480 West Lane Avenue, Columbus, Ohio 43221.
PUB DATE - 70 202p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *CAREER PLANNING; *CAREER OPPORTUNITIES; *OCCUPATIONAL INFORMATION; EMPLOYMENT OPPORTUNITIES; EDUCATIONAL OPPORTUNITIES; EDUCATIONAL PROGRAMS; CERTIFICATION

ABSTRACT - Developed by the Health Careers of Ohio in cooperation with the Ohio Regional Medical Programs, this packet contains brochures describing 32 health careers. Each brochure contains: (1) career description, (2) occupational outlook, (3) employment opportunities, (4) salaries, (5) advancement possibilities, (6) educational requirements, (7) registration or licensure, (8) financial assistance, (9) sources of additional information, and (10) addresses of Ohio schools offering training programs. (SB)

VT 012 548 ED 048 471

Myers, Robin
Black Craftsmen Through History.

Institute of the Joint Apprenticeship Program, Brooklyn, N.Y.
Ford Foundation, New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
The Institute of the Joint Apprenticeship Program, Workers Defense League, A. Philip Randolph Educational Fund, 1520 Bushwick Avenue, Brooklyn, N.Y. 11207
PUB DATE - ND 51p.

DESCRIPTORS - MANPOWER UTILIZATION; *NEGRO EMPLOYMENT; *NEGRO HISTORY; LABOR UNIONS; *AFRICAN HISTORY; APRENTICESHIPS; RACIAL DISCRIMINATION; NEGROES; SKILLED WORKERS
IDENTIFIERS - *CRAFTSMEN

ABSTRACT - This report traces the evolution of the black craftsmen from ancient Egypt to the present. Special attention is given to the restricted use of black craftsmen under slavery, and the added problems they faced after being freed. Business and union discrimination is described, along with recent government and private efforts to achieve equal opportunities for blacks. (BH)

VT 012 550

Parry, Mary Ellen; Mahoney, Margaret H.
Prediction of Job Performance for Negro and White Medical Technicians. Otto Analyzer: An Anchored Rating Scale's "Main Anchor."

Educational Testing Service, Princeton, N.J.
MF AVAILABLE IN VT-ERIC SET.
PR-70-16
PUB DATE - Oct70 15p.

DESCRIPTORS - *PERFORMANCE TESTS; TASK PERFORMANCE; *TEST INTERPRETATION; *MEDICAL LABORATORY ASSISTANTS; *EATING SCALES; EVALUATION TECHNIQUES; *APTITUDE TESTS; NEGRO

ACHIEVEMENT; CORRELATION

ABSTRACT - Despite the importance of rating scales in assessing job performance, their interpretation is made difficult by differences between raters and by "halo effects." Using ratings given to a fictitious person to weight different supervisors' aptitude and achievement test results without finding significant changes. The lack of improvement in correlation after adjustment was attributed to the addition of random variation in the adjustment process. Although the study did not improve correlation between ratings and test results, it did help in improving the supervisor's ability to determine important job skills and standards. (BH)

VT 012 551

Vocational-Technical Education in New Mexico. 1970 Annual Report.

New Mexico State Advisory Council for Vocational-Technical Education, Santa Fe.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 22p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *STATE PROGRAMS; ADVISORY COMMITTEES; ANNUAL REPORTS; *PROGRAM DESCRIPTION; EDUCATIONAL NEEDS; EDUCATIONAL TRENDS; EDUCATIONAL ADMINISTRATION
IDENTIFIERS - NEW MEXICO

ABSTRACT - This report describes the rapidly expanding New Mexico vocational education program, including background and future developments. In identifying problem areas requiring additional effort in the 1970's, the report lists 14 unmet educational needs, as described by businessmen, school administrators, counselors, and teachers. (BH)

VT 012 555 ED 048 472

Instructional Systems Study, Electronics Technology.

Waukesha County Technical Inst., Wis.
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - 70 158p.

DESCRIPTORS - *VOCATIONAL EDUCATION; POST SECONDARY EDUCATION; *TEACHING METHODS; *TECHNICAL INSTITUTES; *SYSTEMS APPROACH; *ELECTRONICS; ELECTRONIC TECHNICIANS; INSTRUCTION; TECHNICAL EDUCATION; BEHAVIORAL OBJECTIVES; EDUCATIONAL OBJECTIVES

ABSTRACT - Because of shortcomings in the traditional approach to instruction and learning at Waukesha County Technical Institute in Wisconsin, this research was conducted to determine the effectiveness of an alternate approach to instruction in electronics technology. The "Closed Loop Systems Approach to Instruction" developed for this study was derived from the assimilation of the works and concepts of many professional vocational educators. In order to generate the data base to accomplish I and II objectives, a survey

instrument was developed and mailed to 287 electronics oriented firms in three large midwest metropolitan areas. In addition, seven personal interviews were conducted using the instrument as a medium for stimulating responses. Collected evidence demonstrates that the "Systems Approach" can: (1) identify the characteristics of employed electronic technicians, (2) identify tasks performed by OEtelcovic technicians and determine educational requirements, (3) identify needed skills, (4) assess student mastery of specific skill, (5) identify the best techniques for accomplishing performance objectives, and (6) assure a relevant curriculum. Additional studies in other institutions are recommended. The survey instrument and data tables are included. (GB)

VT 012 557 ED 050 252

Jacks, Lloyd P.
Development and Use of Subject Matter Materials for Vocational Education in Agriculture.

Mississippi State Dept. of Education, Jackson. Div. of Vocational and Technical Education.
Mississippi State Univ., State College. Dept. of Agricultural Education.
Mississippi Research Coordinating Unit for Vocational-Technical Education, State College.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Oct67 47p.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *INSTRUCTIONAL MATERIALS CENTERS; *INSTRUCTIONAL MATERIALS; *EVALUATION; PROGRAM EFFECTIVENESS; *VOCATIONAL AGRICULTURE TEACHERS; STATE SURVEYS; DATA COLLECTION; MATERIAL DEVELOPMENT; BIBLIOGRAPHIC CITATIONS
IDENTIFIERS - *MISSISSIPPI

ABSTRACT - To determine how the Subject Matter Service (SMS) of the Agricultural Education Department at Mississippi State University could more effectively meet the needs of vocational agriculture teachers, this study focused on three problems: (1) evaluation of materials developed by SMS, (2) determination of sources and uses of teaching materials, and (3) determination of teacher preferences for new subject matter materials. Utilizing the description method with the group-interview technique, the study obtained data from 266 experienced teachers. Several recommendations are presented which focus on visual aids, revision of materials, format changes, and teacher guides related to the subject matter references. Results of the study show that current activities are not meeting teacher needs. Consequently the SMS must be geared to keep abreast of the growing needs of teachers by expanding facilities and personnel. (GB)

VT 012 558 ED 047 147

LEE, JASPER SLOAN
VOCATIONAL EDUCATION INSTRUCTION SIMILARITIES IN CERTAIN CONTENT AREAS IN THE SECONDARY SCHOOLS.

DOCUMENT NOT AVAILABLE FROM EDRS.
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB
ROAD, ANN ARBOR, MICHIGAN 48106
PUB DATE - 70 261P.

DESCRIPTORS - CURRICULUM EVALUATION; DOCTORAL
THESES; EDUCATIONAL RESEARCH; *JOB SKILLS;
*SECONDARY EDUCATION; SKILL DEVELOPMENT;
*TEACHING; VOCATIONAL EDUCATION; *VOCATIONAL
EDUCATION TEACHERS

ABSTRACT - TO DETERMINE THE CONTENT AND
SIMILARITY OF INSTRUCTION IN TEACHING
SELECTED SKILLS, 282 SECONDARY VOCATIONAL
EDUCATION TEACHERS IN MISSISSIPPI WERE
ADMINISTERED AN INSTRUMENT COMPOSED OF 92
SKILLS NEEDED BY WORKERS TO PERFORM THEIR
JOBS, AND THE TEACHERS INDICATED THE LEVEL OF
PROFICIENCY THEY ATTEMPTED TO TEACH. THOUGH
MANY TEACHERS WERE TEACHING A LARGE NUMBER OF
THE SKILLS, THERE WAS RELATIVELY LITTLE
SIMILARITY OF INSTRUCTION AMONG THE
VOCATIONAL DISCIPLINES. FIFTEEN SKILLS WERE
TAUGHT AT SIMILAR LEVELS BY TEACHERS OF TWO
TO FOUR DISCIPLINES, AND MANY OF THE SKILLS
INVOLVED INTERPERSONAL RELATIONS RATHER THAN
MANIPULATIVE SKILLS. THE FEW SIMILARITIES OF
INSTRUCTION TEND TO SUPPORT THE ESTABLISHMENT
OF COMPREHENSIVE VOCATIONAL PROGRAMS. MAJOR
RECOMMENDATIONS WERE: (1) ADMINISTRATIVE
CHANGES IN VOCATIONAL COURSES SHOULD TAKE
INTO CONSIDERATION THE SKILLS THAT ARE TAUGHT
AND THE SIMILARITY OF THE INSTRUCTIONAL
CONTENT; (2) INITIATION OF COURSES FOR THE
PURPOSE OF TEACHING "SIMILARITIES" SHOULD BE
DONE CAUTIOUSLY; AND (3) TEACHER EDUCATION
CURRICULUMS SHOULD PREPARE TEACHERS TO TEACH
THESE SKILLS AT RELATIVELY HIGH LEVELS OF
PROFICIENCY. THIS ED.D. DISSERTATION WAS
SUBMITTED TO THE UNIVERSITY OF ILLINOIS. (SB)

VT 012 559 ED 048 473
Blacks in the Construction Trades and Effect
on Connecticut Economy.

Connecticut Univ., Storrs. Labor Education
Center.
Connecticut Research Commission, Hartford
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Jun70 100p.

DESCRIPTORS - *NEGRO EMPLOYMENT; NEGROES;
*BUILDING TRADES; *MANPOWER NEEDS; SKILLED
WORKERS; CULTURALLY DISADVANTAGED;
*APPRENTICESHIPS; EQUAL OPPORTUNITIES (JOBS);
*EMPLOYMENT PROBLEMS; EMPLOYMENT STATISTICS;
STATE SURVEYS

ABSTRACT - In this study of black employment
in the building trades in Connecticut, a
state-wide survey was made of workers,
students, apprentices, project directors,
public officials, and union and trade
association officers. The survey showed that
even with an increase of nearly 50 percent
since 1960, blacks still represent less than
7 percent of all construction workers, and
few of those are in skilled trades. This has
continued despite increasing shortages of
skilled labor for two reasons: (1) With few
blacks now employed, there are few who can
on job information to other blacks, and
many blacks are culturally disadvantaged,

lacking the necessary competency at
mathematics and science. Although manpower
shortages are expected to continue for the
next decade, there is little possibility of
increased black representation, at least for
the next 5 years, because of the present
shortage of blacks in the lengthy
apprenticeship programs. (BH)

VT 012 560 ED 048 474
Steed, Allen Terry
Vocational Education Programs for Special
Needs Students in Secondary Schools of
Mississippi.

Mississippi Research Coordinating Unit for
Vocational-Technical Education, State
College.
EDRS PRICE MF-\$0.65 HC-\$3.29
ES-10-R-37
PUB DATE - Sep70 56p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*DISADVANTAGED YOUTH; *STATE PROGRAMS;
*PROGRAM DESCRIPTIONS; EDUCATIONAL
IMPROVEMENT; SECONDARY SCHOOLS; PROGRAM
ATTITUDES; TEACHER ATTITUDES; ADMINISTRATOR
ATTITUDES
IDENTIFIERS - MISSISSIPPI

ABSTRACT - The objectives of this study were
to: (1) describe existing programs for
special needs students, (2) provide
information on students and teachers in these
programs, (3) compare teacher and
administrator appraisal of the programs, and
(4) determine the degree of program
acceptance by students, parents, and the
public. Questionnaires and interviews
revealed the views of teachers,
administrators, and students in 46
Mississippi secondary schools offering
special needs programs in vocational
education. Self-appraisal of the programs
disclosed several shortcomings: (1) lack of
orientation programs, (2) inadequate
preparation of administrators and teachers,
(3) lack of participation by other teachers
and guidance personnel, and (4) insufficient
equipment and teaching materials. The report
should provide vocational educators and
administrators with information useful in the
decision making process, resource allocation,
program planning and implementation, and
staff selection and training. (BH)

VT 012 568 ED 047 150
BRANDON, GEORGE L., ED.
RESEARCH VISIBILITY: VOCATIONAL EDUCATION
RESEARCH.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON,
D.C.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
BUREAU OF RESEARCH.
EDRS PRICE MF-\$0.65 HC-\$3.29
OEG-2-7-070633-3021 08
BR-7-0633
AMERICAN VOCATIONAL JOURNAL; V46 N1 P65-68
JAN 1971
PUB DATE - JAN 71 4p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES;

BIBLIOGRAPHIES; CAREER PLANNING; CURRICULUM DEVELOPMENT; DISADVANTAGED GROUPS; *EDUCATIONAL RESEARCH; HANDICAPPED; HUMAN DEVELOPMENT; HUMAN RESOURCES; LABOR MARKET; LEADERSHIP TRAINING; MANPOWER DEVELOPMENT; OCCUPATIONAL GUIDANCE; OCCUPATIONAL MOBILITY; RESEARCH AND DEVELOPMENT CENTERS; *RESEARCH REVIEWS (PUBLICATIONS); TEACHING TECHNIQUES; *VOCATIONAL EDUCATION

ABSTRACT - THE 16 REVIEWS OF VOCATIONAL EDUCATION RESEARCH ARE ORGANIZED UNDER THESE TOPICS: (1) HUMAN POTENTIAL AND HUMAN RESOURCES, WHICH REPORTS A TEACHER INSTITUTE TO DEVELOP HUMAN POTENTIAL, A LEADERSHIP DEVELOPMENT STUDY, AND THE LABOR MARKET EXPERIENCE OF MEN AGED 45-59, (2) REPORTS OF VOC-TEC CENTERS, INCLUDING THE CENTER FOR OCCUPATIONAL EDUCATION OF NORTH CAROLINA STATE UNIVERSITY, THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION AT THE OHIO STATE UNIVERSITY, AND THE INDUSTRIAL RELATIONS RESEARCH INSTITUTE OF THE CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION AT THE UNIVERSITY OF WISCONSIN, (3) CAREERS AND NEW CAREERS, WHICH REPORTS BIBLIOGRAPHIES FOR HEALTH CAREERS AND CAREER DEVELOPMENT AND A STUDY OF LACK OF UPWARD MOBILITY FOR NEW CAREERISTS, (4) DISADVANTAGED ADULTS AND THE HANDICAPPED, WHICH REPORTS AN INSTITUTE AND A WORKSHOP DEALING WITH THE TRAINING OF PERSONNEL AND THE DISADVANTAGED-HANDICAPPED STUDENT, AND (5) REPORTS FROM THE UNIVERSITIES, INCLUDING UNIVERSITY OF MICHIGAN, OKLAHOMA STATE UNIVERSITY, WAYNE STATE UNIVERSITY, AND THE MINNESOTA RESEARCH COORDINATING UNIT. AVAILABILITY IS INCLUDED IN THE ABSTRACTS OF THE REPORTS. (SB)

VT 012 570

Wardle, Norval J.
Education for Safer Agriculture.

American Society for Agricultural Engineers,
St. Joseph, Mich.

DOCUMENT NOT AVAILABLE FROM EDRS.

Paper No. 70-564

American Society of Agricultural Engineers,
2950 Niles Road, St. Joseph, Michigan 49085
(\$1.00).

PUB DATE - 70 16p. For presentation at
the 1970 Winter Meeting, American Society of
Agricultural Engineers (Chicago, Ill., Dec.
8-11, 1970).

DESCRIPTORS - *AGRICULTURAL EDUCATION;
*ENGINEERS; *AGRICULTURAL ENGINEERING;
*ACCIDENT PREVENTION; *SAFETY EDUCATION;
ACCIDENTS; FARMERS; MANUFACTURING INDUSTRY;
EQUIPMENT MANUFACTURERS; INDUSTRIAL
PERSONNEL; AGRICULTURAL SAFETY

ABSTRACT - To accomplish the proposed safety program of a 50 percent reduction of accidents of farm people by 1980, the problem must be attacked on a broad base considering the person, the environment, and the manufactured additive. Each division and committee of the American Society of Agricultural Engineers will develop appropriate materials for developing of safe skills of operation and use of machines, equipment, buildings, and other structures. Safety Committee will encourage vigorous

safety training for the future agricultural engineer and for all farmers and farm workers through all groups, companies, and organizations concerned. (Author/GB)

VT 012 571

Hoerner, Thomas A.; Peyton, Harold L.
Effectiveness of Skill Sheets and
Demonstration Group Size for Instruction in
Agricultural Mechanics.

American Society of Agricultural Engineers,
St. Joseph, Mich.

DOCUMENT NOT AVAILABLE FROM EDRS.

Paper No. 70-560

American Society of Agricultural Engineers,
2950 Niles Road, St. Joseph, Michigan 49085
(\$1.00).

PUB DATE - 70 34p. For presentation at
the 1970 Winter Meeting, American Society of
Agricultural Engineers (Chicago, Ill., Dec 8-
11, 1970).

DESCRIPTORS - *AGRICULTURAL EDUCATION;
*AGRICULTURAL ENGINEERING; *EDUCATIONAL
RESEARCH; TRAINING TECHNIQUES; TEACHING
METHODS; *TEACHING TECHNIQUES; *LABORATORY
TECHNIQUES; SKILL DEVELOPMENT; AGRICULTURAL
SKILLS; INSTRUCTIONAL MATERIALS;
BIBLIOGRAPHIC CITATIONS

ABSTRACT - Procedure sheets and job plans have been used extensively as instructional techniques in the agricultural mechanics laboratory. A new type of laboratory instructional sheet, referred to as a skill sheet, is being used as a slightly different technique. Recent research reveals the value of the skill sheet in teaching laboratory type skills. This paper discusses the effectiveness of skill sheets and demonstration group size for instruction in agricultural mechanics. A bibliography and skill sheets are appended. (Author/GB)

VT 012 572

Bear, W. Forrest
Evaluation Sheets in Agricultural
Mechanization Programs.

American Society of Agricultural Engineers,
St. Joseph, Mich.

DOCUMENT NOT AVAILABLE FROM EDRS.

American Society of Agricultural Engineers,
2950 Niles Road, St. Joseph, Michigan 49085
(\$1.00).

PUB DATE - 70 26p. For presentation at
the 1970 Winter Meeting, American Society of
Agricultural Engineers (Chicago, Ill., Dec 8-
11, 1970).

DESCRIPTORS - *AGRICULTURAL EDUCATION;
*AGRICULTURAL ENGINEERING; *ACADEMIC
ACHIEVEMENT; EVALUATION METHODS; EVALUATION
TECHNIQUES; *LESSON PLANS; EDUCATIONAL
OBJECTIVES; BIBLIOGRAPHIC CITATIONS; *STUDENT
EVALUATION

ABSTRACT - Evaluation is essential for effective educational programs. Evaluation to determine the student's prior knowledge and progress is needed before the course is taught. Students are frustrated if they

cannot distinguish lesson objectives and method of evaluation which will be employed. This paper on evaluation sheets in agricultural mechanization programs was presented by W. Forrest Bear at the 1970 Winter Meeting of the American Society of Agricultural Engineers. (Author/GB)

VT 012 573

Jacobs, Clinton O.
Effectiveness of Prepared Instructional Units to Teach the Principles of Internal Combustion Engine Operation and Maintenance.

American Society of Agricultural Engineers, St. Joseph, Mich.

DOCUMENT NOT AVAILABLE FROM EDRS.

Paper No. 70-558

American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, Michigan 49085 (\$1.00).

PUB DATE - 70 34p. For presentation at the 1970 Winter Meeting, American Society of Agricultural Engineers (Chicago, Ill., Dec 8-11, 1970).

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL ENGINEERING; *ENGINES; *EDUCATIONAL RESEARCH; *VOCATIONAL AGRICULTURE; HIGH SCHOOLS; BIBLIOGRAPHIC CITATIONS; INSTRUCTIONAL MATERIALS; COURSE EVALUATION; AGRICULTURAL MACHINERY

ABSTRACT - Twelve instructional units were developed to teach the principles of internal combustion engine operation and maintenance using the small air-cooled engine as a teaching model. The units and physical equipment were tested in Arizona during the 1969-70 school year. Methods of procedure and interpretation of data are discussed. A list of student reference literature, a listing of tools and equipment, a test, and a bibliography are appended. (Author/GB)

VT 012 574

Carlson, Keith R.
Techniques for Evaluation of Skill Development in Agricultural Education.

American Society of Agricultural Engineers, St. Joseph, Mich.

DOCUMENT NOT AVAILABLE FROM EDRS.

Paper No. 70-557

American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, Michigan 49085 (\$1.00).

PUB DATE - 70 5p. For presentation at the 1970 Winter Meeting, American Society of Agricultural Engineers (Chicago, Ill., Dec 8-11, 1970).

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL ENGINEERING; *VOCATIONAL AGRICULTURE; *SELF EVALUATION; HIGH SCHOOL STUDENTS; AGRICULTURAL SKILLS; *SKILL DEVELOPMENT; EVALUATION TECHNIQUES

ABSTRACT - Through the use of student contracts and self-evaluation, the ag-mechanics program of an Iowa high school has assessed worker traits. These traits are to be effectively with others, organize

resources, and work whole-heartedly. This paper on techniques for evaluation of skill development in agricultural mechanics was presented by Keith R. Carlson at the 1970 Winter Meeting of the American Society of Agricultural Engineers. (GB)

VT 012 575

Herum, Floyd L.
Evaluation Techniques in Agricultural Mechanization.

American Society of Agricultural Engineers, St. Joseph, Mich.

DOCUMENT NOT AVAILABLE FROM EDRS.

Paper No. 70-559

American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, Michigan 49085 (\$1.00).

PUB DATE - 70 12p. For presentation at the 1970 Winter Meeting, American Society of Agricultural Engineers (Chicago, Ill., Dec 8-11, 1970).

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL ENGINEERING; *EVALUATION TECHNIQUES; ITEM ANALYSIS; *ACADEMIC ACHIEVEMENT; EVALUATION METHODS; TESTS; *ACHIEVEMENT TESTS; TEST VALIDITY; TEST RELIABILITY; SPEECHES

ABSTRACT - The primary purpose of examinations is the measurement of student progress for assigning valid grades. Preparing a systematic program of testing involves a number of decisions regarding when to test, type and number of questions, what to emphasize and level of performance desired. Each examination should be subjected to continuous quality assessment during its planning and construction, as well as a review upon scoring when statistical data are available. Reliability of an exam may be described by a reliability coefficient, but validity is a matter of judgment and more difficult to ascertain. Item analysis is a useful technique for judging the quality of each test item. (CD)

VT 012 576 EC 050 253

Fact Sheet on the Earnings Gap.

Women's Bureau (DOL), Washington, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

Women's Bureau, Wage and Labor Standards Administration, U.S. Dept. of Labor, Washington, D.C. (no charge).

PUB DATE - Feb 70 5p.

DESCRIPTORS - *SALARY DIFFERENTIALS; *SOCIAL DISCRIMINATION; *WORKING WOMEN; EQUAL OPPORTUNITIES (JOBS)

ABSTRACT - A comparison of median income since 1955 shows that the salary differential between men and women has increased in recent years. Although this is due primarily to the over-representation of women in low-skilled, low-paying jobs, even within the same occupations men are better paid. Salary comparisons for professional occupations show differentials by sex. (BH)

VT 012 579 ED 047 151
MICHIGAN RESEARCH COORDINATING UNIT FOR
VOCATIONAL EDUCATION. FINAL REPORT, JULY 1,
1967-AUGUST 31, 1969.

MICHIGAN VOCATIONAL EDUCATION RESEARCH
COORDINATING UNIT, LANSING.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
BUREAU OF RESEARCH.
EDRS PRICE MF-\$0.65 HC-\$3.29
OEG-0-8-00804-1791 (085) 08
BR-7-0804
PUB DATE - OCT 70 21p.

DESCRIPTORS - ACTIVITIES; EDUCATIONAL
RESEARCH; *INFORMATION CENTERS; INSERVICE
TEACHER EDUCATION; OBJECTIVES; PROGRAM
DEVELOPMENT; *PROGRAM EVALUATION; *RESEARCH
COORDINATING UNITS; *RESEARCH PROBLEMS;
TEACHER EDUCATION; *VOCATIONAL EDUCATION
IDENTIFIERS - MICHIGAN

ABSTRACT - THE OVERALL PURPOSE OF THE
MICHIGAN RESEARCH COORDINATING UNIT (RCU) IS
TO STIMULATE RESEARCH AND DEVELOPMENT
ACTIVITIES WITHIN THE STATE. THIS REPORT
REVIEWS RCU ACTIVITIES IN THIS AREA DURING
THE PERIOD JULY 1, 1967 TO AUGUST 31, 1969.
PROBLEM AREAS INCLUDE STAFFING AND FUNDING.
IN LIGHT OF ACCOMPLISHMENTS AND PROBLEMS, THE
RCU HAS BEEN SUCCESSFUL AND SHOULD BE
CONTINUED. (JS)

VT 012 585 ED 047 152
YOUNG, JAMES J.
FORMER SERVICEMEN OF THE ARMY MEDICAL
DEPARTMENT; A PROFILE AND ASSESSMENT OF AN
UNTAPPED RESOURCE OF ALLIED HEALTH MANPOWER.
HEALTH CARE RESEARCH SERIES, NO. 14.

IOWA UNIV., IOWA CITY.
KELLOGG FOUNDATION, BATTLE CREEK, MICH.
DOCUMENT NOT AVAILABLE FROM EDRS.
GRADUATE PROGRAM IN HOSPITAL AND HEALTH
ADMINISTRATION, THE UNIVERSITY OF IOWA, S-
517, WESTLAWN BUILDING, IOWA CITY, IOWA 52240
(\$5.00)
PUB DATE - 69 201p.

DESCRIPTORS - *DOCTORAL THESES; *ENLISTED
MEN; *HEALTH OCCUPATIONS; LABOR FORCE; LABOR
MARKET; *MANPOWER UTILIZATION; *MILITARY
SERVICE; *MILITARY TRAINING; OCCUPATIONAL
CHOICE; *OCCUPATIONAL MOBILITY

ABSTRACT - TO PROVIDE A PROFILE OF THE HEALTH
MANPOWER BEING SEPARATED FROM THE UNITED
STATES ARMY MEDICAL DEPARTMENT, ANALYZE THE
UTILIZATION OF THESE PERSONNEL BY THE
CIVILIAN HEALTH COMMUNITY, AND EVALUATE THE
OPINIONS OF THESE SERVICEMEN REGARDING THEIR
ENTRY INTO THE CIVILIAN HEALTH FIELD, A
RANDOM STRATIFIED (ON THE BASIS OF NUMBER OF
WEEKS OF TRAINING) SAMPLE OF 2,825 FORMER
ENLISTED MEDICAL SPECIALISTS WERE MAILED
QUESTIONNAIRES. ANALYSIS OF 1,558 RESPONSES
(58 PERCENT) REVEALED THAT THE ANNUAL FLOW OF
TRAINED ENLISTED PERSONNEL TO THE CIVILIAN
LABOR FORCE IS SIZEABLE, AND A SUBSTANTIAL
PORTION OF THESE MEN ARE AMENABLE TO
RECRUITMENT FOR CIVILIAN HEALTH CAREERS.
OCCUPATIONAL TRANSFERABILITY FROM MILITARY TO
CIVILIAN OCCUPATIONS OCCURS MOST FREQUENTLY
IN THOSE WHOSE MILITARY OCCUPATIONAL

SPECIALTY HAS AN IDENTICAL CIVILIAN
COUNTERPART AND WHOSE MILITARY EDUCATION AND
EXPERIENCE IS RECOGNIZED FOR CERTIFICATION
PURPOSES. SOME BARRIERS TO EMPLOYMENT IN
CIVILIAN JOBS WERE INADEQUATE PAY AND FRINGE
BENEFITS, FAILURE TO RECOGNIZE MILITARY
TRAINING, AND LIMITED ADVANCEMENT
OPPORTUNITY. THERE IS A NEED FOR EVALUATION
AND RECOGNITION OF MILITARY TRAINING AND
EXPERIENCE BY POTENTIAL EMPLOYERS,
INSTITUTIONS, AND CERTIFYING ASSOCIATIONS.
THIS PH.D. DISSERTATION WAS SUBMITTED TO THE
UNIVERSITY OF IOWA. (SB)

VT 012 586 ED 048 475
Seasonality and Manpower in Construction.

Bureau of Labor Statistics (DOL), Washington,
D.C.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM
EDRS.
Bull-1642
Superintendent of Documents, U.S. Government
Printing Office, Washington, D.C. 20402
(L2.3:1642, \$1.25)
PUE DATE - 70 156p.

DESCRIPTORS - *CONSTRUCTION INDUSTRY;
*EMPLOYMENT PROBLEMS; *SEASONAL EMPLOYMENT;
OCCUPATIONAL MOBILITY; INCOME; *EMPLOYMENT
STATISTICS; COLLECTIVE BARGAINING;
*DEMOGRAPHY; UNEMPLOYMENT; WORKING HOURS

ABSTRACT - Using a variety of published and
unpublished data, the Bureau of Labor
Statistics identified the manpower problems
confronting the construction industry. The
purpose of the bulletin is to increase
understanding about the problems confronting
the industry, to present a basis for
developing new policies and programs, and to
encourage additional research in the field.
To study employment fluctuations, over 80
data tables are provided on details of
construction activities, worker mobility,
income, weather conditions, and employment
distributions by age, race, skill,
occupation, and sex. One conclusion of the
report is that wage differentials favoring
construction workers are due to less
favorable working conditions, specifically
irregular employment, hazardous work, greater
mobility requirements, and lower fringe
benefits. (BH)

VT 012 587
Registered Apprentice Training Entry
Requirements as Established by New York State
Program Sponsors--1970 A Joint Report.

New York State Education Dept., Albany.
New York State Dept. of Labor, Albany. Div.
of Employment.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 47p.

DESCRIPTORS - *OCCUPATIONAL INFORMATION;
*ADMISSION CRITERIA; *APPRENTICESHIPS;
*PROGRAM ADMINISTRATION; STANDARDS; RESIDENCE
REQUIREMENTS; *QUALIFICATIONS; DEGREE
REQUIREMENTS; VOCATIONAL EDUCATION;
VOCATIONAL APTITUDE; VOCATIONAL COUNSELING;
REPORTS

ABSTRACT - In summarizing minimum requirements and selection factors as established by sponsors of 483 registered apprenticeship programs, this document should prove valuable in the administration of programs as well as in the counseling of students. The report provides a compilation of entry requirements in the larger registered apprenticeship programs and provides information on such qualifications as age, citizenship, residency, education, aptitude, seniority, health, and criminal record. The data was extracted from those programs which enroll nearly three-fourths of the apprentices in (1) construction, (2) printing, (3) machine tool, (4) service and repairs, and (5) other manufacturing industries. (JS)

VT 012 590 ED 048 476

Lewis, James E.

Water-Resources Manpower: Supply and Demand Patterns to 1980. Bulletin 4.

Louisiana State Univ., Baton Rouge. Water Resources Research Inst.
Office of Water Resources Research (Dept. of Interior), Washington, D.C.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

Louisiana State University Bookstore, Baton Rouge, Louisiana 70803 (\$2.00)
PUB DATE - May70 56p.

DESCRIPTORS - *WATER RESOURCES; *MANPOWER NEEDS; *SCIENTIFIC PERSONNEL; *LABOR SUPPLY; *EMPLOYMENT PROJECTIONS; OCCUPATIONAL MOBILITY; PROFESSIONAL EDUCATION; PROFESSIONAL OCCUPATIONS

ABSTRACT - Relating the supply of scientific manpower to the educational potential of the general population and the productive capacity of the educational system, this study disaggregates independent projections of scientific manpower supply and demand to yield projections for water resources manpower. This supply of engineers, natural scientists, and social scientists is projected at 3.3 million for 1980, compared to a demand for 3.5 million. Supply and demand relationships for the 1970-1980 decade show a 10 percent deficit of social scientists. The supply of water resources manpower is projected to reach 154,000 by 1980, with 55,000 in research, compared with a demand for 267,000 with 95,000 needed in research. Critical shortages are forecast in several disciplines: ecology, hydrology, water resources planning, water quality, and watershed management. (Not available in hard copy due to marginal print size of original copy.) (BH)

VT 012 593

Gillie, Angelo C., Ed.

The Honolulu Conference on Community College Occupational Education.

Hawaii Univ., Honolulu. Community Coll.

am.

AVAILABLE IN VT-ERIC SET.

PUB DATE - Dec68 40p.

DESCRIPTORS - CONFERENCE REPORTS; *COMMUNITY COLLEGES; *STATE COLLEGES; *COLLEGE ADMINISTRATION; *STATE AID; *VOCATIONAL EDUCATION; EDUCATIONAL OPPORTUNITIES; COLLEGE ROLE; CURRICULUM DEVELOPMENT; CURRICULUM EVALUATION
IDENTIFIERS - HAWAII

ABSTRACT - At this 1-day conference on community colleges and vocational education, conferees discussed papers on the history and present status of vocational education and Hawaiian community colleges, after which national trends and their relation to the local picture were considered. After a discussion of the future role of research and evaluation, the conference concluded with a critique of the question-answer periods which followed the presentations. Papers were presented by Richard H. Kosaki, Samson S. Shiegetomi, Lewis R. Fibel, Angelo C. Gillie, and David R. Lynn, all of whom are community college administrators. (BH)

VT 012 602 ED 048 477

Manpower Research Projects Through June 30, 1970.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$13.16
PUB DATE - 70 327p.

DESCRIPTORS - *LABOR ECONOMICS; *MANPOWER DEVELOPMENT; *RESEARCH PROJECTS; *FEDERAL AID; FEDERAL LAWS; LABOR MARKET; DOCTORAL THESES; RESEARCH PROPOSALS; *ECONOMIC RESEARCH
IDENTIFIERS - MANPOWER DEVELOPMENT AND TRAINING ACT; ECONOMIC OPPORTUNITY ACT; SOCIAL SECURITY ACT

ABSTRACT - This annual report summarizes all Manpower Administration-sponsored research projects active or funded during fiscal year 1970 and lists all reports completed since the research program was begun in fiscal year 1965. Guidelines are included for submission of research proposals for research contracts, dissertation grants, and research project grants. The relevant legislation, Title I of the Manpower Development and Training Act, is reproduced in the appendix. (BH)

VT 012 613

Macon, Charles R.

Four Corners Regional Project for Vocational Education in Arizona. Final Report.

Arizona State Dept. of Vocational Education, Phoenix.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov70 48p.

DESCRIPTORS - *REGIONAL PROGRAMS; *VOCATIONAL EDUCATION; STATE AID; *PROGRAM DESCRIPTIONS; CURRICULUM DEVELOPMENT; *ECONOMIC CLIMATE; POPULATION GROWTH; EMPLOYMENT TRENDS; *EDUCATIONAL NEEDS
IDENTIFIERS - ARIZONA

ABSTRACT - This 12-month project was undertaken to establish five area skill centers in the 9-county Four Corners Region of Arizona. These skill centers, which are basically extensions of the community colleges, can provide various types of vocational or basic education, including cooperative programs with local school districts or industry. This report describes the present educational and economic environment and summarizes the activities conducted under the project's two subdivisions, the organizational/promotional and systems development categories. (BH)

VT 012 616 ED 048 478

Darcy, Robert L.
Economics of Human Resources: A Bibliography.

Ohio Univ., Athens. Coll. of Business
Administration.

EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Jan68 1p.

DESCRIPTORS - *HUMAN RESOURCES; *HUMAN CAPITAL; *COST EFFECTIVENESS; *BIBLIOGRAPHIES; *MANPOWER DEVELOPMENT; ECONOMIC PROGRESS; TECHNOLOGICAL ADVANCEMENT; LABOR ECONOMICS; PRODUCTIVITY

ABSTRACT - Without attempting to be comprehensive, this bibliography lists over 150 government documents, private publications, and journal articles on manpower and human resources, selected as representative works in the interdisciplinary field of human resources. Areas covered include: (1) general works, (2) investment in human capital, (3) cost effectiveness of education, (4) economic implications of manpower programs and policies, (5) manpower implications of social welfare programs, (6) labor productivity, and (7) technological change. (BH)

VT 012 617 ED 048 479

Patterns of U.S. Economic Growth, 1980
Projections of Final Demand, Interindustry
Relationships, Output, Productivity, and
Employment.

Bureau of Labor Statistics (DOL), Washington,
D.C.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM
EDRS.

Bull-1672

Superintendent of Documents, U.S. Government
Printing Office, Washington, D.C. 20402
(L2.3: 1672, \$1.25).

PUB DATE - 70 138p.

DESCRIPTORS - *EMPLOYMENT PROJECTIONS; *ECONOMIC RESEARCH; EMPLOYMENT OPPORTUNITIES; *ECONOMIC PROGRESS; *PRODUCTIVITY; LABOR FORCE; *INPUT OUTPUT ANALYSIS; INDUSTRIAL TECHNOLOGY; ECONOMIC CLIMATE

ABSTRACT - This report projects employment by industry for 1980, in order to provide a framework for an occupational outlook program. Included are detailed projections of labor force, aggregate and industry input, output, employment, and occupational

projections. A 4.3 percent growth rate is projected for gross national product, reflecting an increased rate of growth of the labor force and employment, a decline in average hours, and a smaller rate of increase in productivity. An anticipated fall in federal spending and rise in state and local expenditures assumes a smaller defense budget and increased revenue sharing as the Viet Nam conflict ends. These projections are summarized in the "Monthly Labor Review," April 1970. Numerous data tables support the text. (BH)

VT 012 618 ED 049 361

Mitchell, E.F., And Others
A Comprehensive Orientation to the World of
Work through Industrial Arts and Vocational
Education (Grades 1-12).

Greenwood Public Schools, Miss.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM
EDRS.

Greenwood Public Schools, P.O. Box 1497,
Greenwood, Mississippi 38930 (\$3.00).

PUB DATE - Jul70 154p.

DESCRIPTORS - *INDUSTRIAL ARTS; *ELEMENTARY GRADES; *SECONDARY GRADES; *OCCUPATIONAL GUIDANCE; *CURRICULUM DEVELOPMENT; PROGRAM IMPROVEMENT; EDUCATIONAL INNOVATION; VOCATIONAL EDUCATION; INDUSTRY; COOPERATIVE EDUCATION; VOCATIONAL COUNSELING IDENTIFIERS - WORLD OF WORK; *OCCUPATIONAL EXPLORATION

ABSTRACT - In response to the philosophy of vocational education outlined by the National Advisory Council, the Greenwood Public School Administration drew up this proposal for a new educational structure. Designed to prepare students for the world of work through a comprehensive orientation process involving practical arts, vocational education, and guidance, the program is justified by the cultural and economic deprivation, and the high dropout rate in Greenwood schools. The purpose of the elementary industrial arts phase is to introduce pupils to the world of work. Grades 7-8 provide students with exploratory experiences and are prevocational in nature, and the high school offers a complete vocational education program. A comprehensive study of modern industry and occupational orientation is provided for in Grade 9, followed by mechanical drawing in Grade 10. Vocational part-time cooperative education and vocational counseling are integral parts of the program. It is recommended that as much of the program be put into effect each year as qualified staff, facilities, and finances will allow. A detailed course sequence is provided in the appendixes. (GEB)

VT 012 620 ED 048 480

Marland, Sidney P., Jr.
Career Education Now.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - Jan71 15p. Presentation at the
National Association of Secondary School
Principals (Houston, Tex., Jan 23, 1971).

DESCRIPTORS - *VOCATIONAL EDUCATION;
 *EDUCATIONAL RESPONSIBILITY; *EDUCATIONAL
 NEEDS; *EDUCATIONAL CHANGE; EDUCATIONAL
 COORDINATION; EDUCATIONAL ATTITUDES; SCHOOL
 ROLE; *EDUCATIONAL OBJECTIVES; TECHNOLOGICAL
 ADVANCEMENT; ECONOMIC PROGRESS; MANPOWER
 NEEDS
 IDENTIFIERS - *CAREER EDUCATION

ABSTRACT - Despite a growing role for vocational education as technological change causes skill requirements to rise, society continues to treat vocational education as inferior to academic education. In a broad sense, all education is career education, providing the skills necessary to live. Until all forms of education can be integrated in a comprehensive program of career development, an interim strategy involves four major actions: (1) redirecting federal support toward state programs for high demand occupations, (2) providing broader programs to improve flexibility of career choice, (3) improving coordination with business and organized labor, and (4) increasing support for career education at all levels. (BH)

VT 012 622

Indigenous Manpower for Social Planning.
 Report of a Work Conference (May 1, 1970).

Human Services Manpower Career Center,
 Chicago, Ill.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - 70 38p.

DESCRIPTORS - *SOCIAL PLANNING; *URBAN SLUMS;
 *CITIZEN PARTICIPATION; *CAREER
 OPPORTUNITIES; CONFERENCE REPORTS; COMMUNITY
 INVOLVEMENT; CULTURALLY DISADVANTAGED;
 MANPOWER UTILIZATION; *OCCUPATIONAL MOBILITY
 IDENTIFIERS - CHICAGO MODEL CITIES PROGRAM

ABSTRACT - In response to a growing interest among Chicago social planning agencies, this conference was held to explore the manpower implications and potential of the Model Cities Program and its pilot project to train 16 indigenous social planners from the four target neighborhoods. Emerging from the conference were several general conclusions: (1) Total commitment is necessary for full citizen participation in social planning, (2) Flexibility and coordination between agencies are necessary in defining job functions and selection criteria, (3) Firm job commitments must be made for successful trainees, and (4) Graduates should be given certificates acknowledging program completion. (BH)

VT 012 623

Mental Health Worker Career Series.

Illinois State Dept. of Mental Health,
 Springfield.
 MF AVAILABLE IN VT-ERIC SET.
 PUB DATE - Apr70 30p.

DESCRIPTORS - *HEALTH OCCUPATIONS; *MENTAL
 HEALTH; *OCCUPATIONAL MOBILITY;
 *PROFESSIONALS; PROFESSIONAL PERSONNEL;
 *TENTIAL PROGRAMS; JOB TRAINING; WORK

EXPERIENCE; PROMOTION (OCCUPATIONAL);
 ABILITY; OCCUPATIONAL INFORMATION
 IDENTIFIERS - *CAREER LADDERS

ABSTRACT - The Illinois Department of Mental Health prepared this career series to provide a generalist approach to manpower and program organization and to provide a progressive path to top career positions through a system of training, work experience, and demonstrated ability. The series consists of nine mental health worker classes, each differing in the nature of the work and worker qualifications. Four entry level training sets have been established which allow the trainee, upon successful completion of the training program, to enter a specific mental health worker class. Trainees enter one of the 6-month training programs, which consist of clinical and didactic experiences, appropriate to their academic and inservice training background and relevant mental health work. The training program is described, and policy guidelines for the series are provided. A chart illustrating the pay grades and trainee qualifications for each class is appended. (SB)

VT 012 628

Self Evaluation.

Clemson Univ., S.C. Vocational Education
 Media Center.
 South Carolina State Dept. of Education,
 Columbia. Distributive Education Section.
 MF AVAILABLE IN VT-ERIC SET.
 Distributive Education Section, Office of
 Vocational Education, State Department of
 Education, Rutledge Building, Columbia, S.C.
 29201 (limit: one per state).
 PUB DATE - 70 27p.

DESCRIPTORS - *DISTRIBUTIVE EDUCATION;
 *PROGRAM EVALUATION; *INSTRUCTOR
 COORDINATORS; *MEASUREMENT INSTRUMENTS;
 EVALUATION; ORGANIZATION; FACILITIES
 EVALUATION; INSTRUCTIONAL MATERIALS

ABSTRACT - This evaluative instrument is to be used by the teacher-coordinator in making a self-evaluation of his school's distributive education program. The format of the instrument is a series of checklists on: (1) Organization, (2) Nature of Offerings, (3) Physical Facilities, (4) Direction of Learning, (5) Outcomes, and (6) Special Characteristics of Distributive Education. These checklists incorporate a four-point scale and include explanations to help the evaluator make a more valid analysis of the program. (Author/JS)

VT 012 640

Potts, Frank
 Jobs in the Plastics Industry. Series 1100-6-70.

Wisconsin State Employment Service, Madison.
 Occupational Analysis Field Center.
 MF AVAILABLE IN VT-ERIC SET.
 WS 3169
 PUB DATE - 70 42p.

DESCRIPTORS - *PLASTICS; *OCCUPATIONAL INFORMATION; *MANPOWER NEEDS; EMPLOYMENT PROJECTIONS; *EMPLOYMENT QUALIFICATIONS; TECHNOLOGICAL ADVANCEMENT; EMPLOYMENT OPPORTUNITIES

ABSTRACT - To provide job information useful in career selection, this publication describes the processes used in the plastics industry and the occupations and job skills required for these operations. Increasing manpower shortages are projected for the next 5 years, based on estimations of rapidly growing production. (RH)

VT 012 641

Collected Papers Prepared Under Work Unit REPAIR. Training of Electronics Maintenance Personnel. Professional Paper 27-70.

Human Resources Research Organization,
Alexandria, Va.
Department of the Army, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Mar 70 41p.

DESCRIPTORS - *MILITARY PERSONNEL; TRADE AND INDUSTRIAL EDUCATION; *EQUIPMENT MAINTENANCE; TELEVISION REPAIRMEN; *COMMUNICATIONS; VOCATIONAL DEVELOPMENT; EXPERIMENTAL PROGRAMS; COURSE EVALUATION; MILITARY TRAINING; FOLLOWUP STUDIES; ELECTRONIC TECHNICIANS

ABSTRACT - During the years 1957-1960, research was conducted at Alexandria, Virginia by the Human Resources Research Organization regarding the individual maintenance jobs for Army Field Radio Repairmen. The purpose was to collect data that would be valuable in constructing evaluations of the men, and in designing experimental training courses. The articles presented in this document include two presentations at professional meetings and two briefings concerning the development and evaluation of training courses. The articles are: (1) The Implementation of Functional Context Training in a Radio Repairman Course, (2) A Follow-Up Study of Experimentally Trained and Conventionally Trained Field Radio Repairmen, (3) The Development and Evaluation of the Experimental Field Radio Repairman Course, and (4) Comparison of Experimental and Standard Course Graduates after Field Experience. (GEB)

VT 012 643 ED 047 160

MCLEAN, GARY N.
DIFFICULTY INDICES AND PERFORMANCE NORMS FOR OFFICE-TYPING TASKS. FINAL REPORT.

CITY UNIV. OF NEW YORK, N.Y. DIV. OF TEACHER EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
BUREAU OF RESEARCH.
EDRS PRICE MF-\$0.65 HC-\$6.58
OEG-2-9-420113-1003(010) 24
BR-8-B-113
PUB DATE - JAN 71 142p.

DESCRIPTORS - *BUSINESS EDUCATION; DECISION SKILLS; DOCTORAL THESES; *GROUP NORMS;

*MEASUREMENT TECHNIQUES; OFFICE OCCUPATIONS EDUCATION; RELEVANCE (EDUCATION); STANDARDS; STUDENT EVALUATION; *TASK PERFORMANCE; *TYPEWRITING

ABSTRACT - TO HELP ESTABLISH WELL-DEFINED STANDARDS AND NORMS FOR PROFICIENCY AT REALISTIC TYPING TASKS, THIS INVESTIGATION SOUGHT TO ESTABLISH DIFFICULTY INDEXES FOR THREE MAJOR CLASSES OF SUCH TASKS AND TO PROVIDE AN INITIAL POOL OF NORMATIVE DATA FOR THE DEVELOPMENT OF THE DIFFICULTY INDEXES. TO GATHER THE NEEDED DATA, VARIOUS SUBSETS OF EIGHT TASKS FROM A BATTERY OF 64 TYPING TASKS WERE ADMINISTERED TO 3,134 TYPISTS. THIS DATA, IN TURN, PROVIDED EQUATIONS FOR ESTIMATING THE DIFFICULTY OF OFFICE-TYPING TASKS AND FOR CONSTRUCTING TYPING TASKS AT SPECIFIED LEVELS OF DIFFICULTY. THE DIFFICULTY INDEXES RESULTING FROM THE EQUATIONS PERMIT THE EVENTUAL ESTABLISHMENT OF STANDARDS AND NORMS FOR TRAINEES AND JOB-APPLICANTS. IT WAS DISCOVERED THAT THE CORRELATIONAL DATA ON INTELLIGENCE IN RELATION TO TYPING PROFICIENCY SUPPORT THE STANDARD PRACTICE OF OFFERING BEGINNING TYPEWRITING TO ALL PERSONS, BUT LEAVE UNCERTAIN THE PROPRIETY OF OFFERING ADVANCED INSTRUCTION TO LOW ABILITY STUDENTS. FINALLY, LOW RELATIONSHIPS BETWEEN STRAIGHT COPY AND OFFICE-TYPING PROFICIENCY CONFIRM THE DESIRABILITY OF REDUCING THE CONVENTIONAL HEAVY FOCUS ON ORDINARY STROKING SKILLS AND OF INCREASING ATTENTION TO REALISTIC OFFICE-TYPING TASKS. DECISION PROCESSES APPLICABLE TO THE LAYOUT OF SUCH TASKS ON THE PAGE SHOULD ALSO BE EMPHASIZED. (AUTHOR/JS)

VT 012 647 ED 050 254

Krebs, A.H.
Model for Evaluation of Secondary School Programs of Vocational Education in Agriculture.

Maryland Univ., College Park. Agricultural Experiment Station.
EDRS PRICE MF-\$0.65 HC-\$3.29
Misc-Pub-733
Maryland Agricultural Experiment Station,
University of Maryland, College Park,
Maryland 20742.
PUB DATE - Oct 69 70p.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *PROGRAM EVALUATION; *MODELS; *SECONDARY SCHOOLS; SECONDARY GRADES; BIBLIOGRAPHIC CITATIONS; EVALUATION TECHNIQUES; DATA COLLECTION; EVALUATION METHODS

ABSTRACT - This research project focused on the development of instruments and procedures which a local secondary school evaluating group may use for conducting its own evaluation of the local program of vocational education in agriculture. The report covers Phase I of a four-phase project and presents the development and trial of instruments and procedures in two Maryland public high schools. Twenty-five instruments and guides are presented with suggestions for their use as well as suggestions regarding the treatment of the data. Further testing and refinement of the instruments and procedures

are scheduled for later phases of the project. A bibliography is appended.
(Author/GB)

VT 012 650

Carpenter, M.B.
Maintaining Efficient Training Programs for
Air Force Technical Specialties.

Rand Corp., Santa Monica, Calif.
Department of the Air Force, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
R-527-PR
The Rand Corporation, 1700 Main Street, Santa
Monica, California 90406 (\$3.00).
PUB DATE - Sep70 79p.

DESCRIPTORS - *MILITARY TRAINING; *ENLISTED
MEN; EDUCATIONAL NEEDS; *RESEARCH NEEDS;
EDUCATIONAL CHANGE; *COST EFFECTIVENESS;
EDUCATIONAL IMPROVEMENT; *TASK ANALYSIS;
OCCUPATIONAL INFORMATION

ABSTRACT - This report identifies problems and shortcomings in Air Force training of technical specialists and suggests improvements. Suggestions include: (1) Translate the Job Inventory into training programs, (2) Use maintenance personnel data to determine what tasks are really done by whom, (3) Monitor courses for needed deletions and additions, (4) Pretest to prevent unneeded training, (5) Make courses practical rather than theoretical, (6) Teach the practical rules difficult to find in books, (7) Interview new instructors fresh from the field to find out what they actually did and what training is needed, (8) Use cost-effectiveness to determine training modes rationally, (9) Modify upgrading policies to allow some specialists to advance without supervising others, and (10) Have 3-level men master some tasks. Sample documents of pneudraulics training are appended.
(Author/BH)

VT 012 651 ED 048 481

Anderson, Del
A Guide for the Development and Installation of Occupational Training Programs and Services for Disadvantaged and Handicapped Persons.

West Virginia Research Coordinating Unit for Vocational Education, Huntington.
West Virginia State Dept. of Education, Charleston. Div. of Vocational and Technical Education.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - May70 43p.

DESCRIPTORS - *PROGRAM GUIDES; *HANDICAPPED;
*VOCATIONAL EDUCATION; *CULTURALLY
DISADVANTAGED; *PROGRAM DESIGN; PROGRAM
DEVELOPMENT; PROGRAM ADMINISTRATION;
ORGANIZATION

ABSTRACT - This report describes the procedures necessary to develop a vocational education program to prepare the physically handicapped and culturally disadvantaged for entry level jobs and responsible citizenship. A 2-part model program includes a regular

vocational program with supportive services for handicapped and disadvantaged students, and a separate program for those who cannot compete in the regular program even with supportive services. The separate program provides for entry into either a work-experience program or a regular vocational program after learning the basic knowledge and skills for an occupational cluster. In addition to describing administration and organization, the report discusses special qualifications required for faculty, curriculum, and facilities. (BH)

VT 012 653

Summary 1969-1970.

Northern California Industry-Education Council, San Francisco.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 19p.

DESCRIPTORS - *SCHOOL INDUSTRY RELATIONSHIP;
*EDUCATIONAL IMPROVEMENT; DEVELOPMENTAL
PROGRAMS; PROGRAM DESCRIPTIONS; *VOLUNTARY
AGENCIES; *INDUSTRY
IDENTIFIERS - *CALIFORNIA

ABSTRACT - The Northern California Industry-Education Council is a non-profit organization which provides a meeting ground for educators, businessmen, and private citizens to discuss their common problems regarding the educational system. This pamphlet describes the Council's activities and lists the supporting businesses and school systems and the office and directors for 1969-70. (BH)

VT 012 658 ED 048 482

Bailey, Lena C.
Review and Synthesis of Research and Consumer and Homemaking Education. Information Series No. 33.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210.
PUB DATE - Apr71 79p.

DESCRIPTORS - *CONSUMER EDUCATION; HOME
ECONOMICS EDUCATION; *HOMEMAKING EDUCATION;
*RESEARCH REVIEWS (PUBLICATIONS);
*BIBLIOGRAPHIES; *RESEARCH NEEDS; EDUCATIONAL
RESEARCH; DISADVANTAGED GROUPS; RESEARCH
METHODOLOGY; TEACHER EDUCATION; MATERIAL
DEVELOPMENT; INSTRUCTIONAL MATERIALS;
EDUCATIONAL DEVELOPMENT; TEACHING METHODS;
TEACHING TECHNIQUES

ABSTRACT - The 110 research reports, papers, and other references written primarily during 1966-69 were reviewed under these categories: (1) Consumer Education, (2) Disadvantaged, (3) Homemaking, (4) Teacher Education, and (5) Research Methodology. Reasons for the lack of consumer education research may be that the renewed emphasis has taken place in the past two years and this component is

interwoven into various home economics subject matter areas so that it is not readily available. The review indicated that it is possible to develop and implement programs that benefit the disadvantaged, but many of the disadvantaged studies should be replicated to increase the validity of results and to make additional recommendations. Additional research needed in the homemaking program area includes the development of new methods of teaching, innovative instructional materials, evaluation techniques, model programs, the affective domain, and process of learning, while areas of teacher education needing further research include problems related to recruitment, counseling students, adaptation of modern technological devices, and ongoing research of programs, teachers, and materials. Related documents are available as ED 039 336 (VT 010 860, ARM Fall 1970) and ED 043 773 (VT 011 879, ARM Spring 1971). (SB)

VT 012 659 ED 047 161

LFE, ALLEN
IMPROVEMENT AND DEVELOPMENT OF THE
ORGANIZATION AND ADMINISTRATION OF
VOCATIONAL-TECHNICAL EDUCATION. FINAL REPORT.

OREGON STATE SYSTEM OF HIGHER EDUCATION,
MONMOUTH. TEACHING RESEARCH DIV.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
BUREAU OF RESEARCH.
EDRS PRICE MF-\$0.65 HC-\$23.03
OEG-98-071327-0085(085) 08
BR-7-1327
PUB DATE - NOV 70 677P.

DESCRIPTORS - *EDUCATIONAL ADMINISTRATION;
*EDUCATIONAL DEVELOPMENT; *EDUCATIONAL
IMPROVEMENT; EDUCATIONAL QUALITY; EDUCATIONAL
RESEARCH; *EVALUATION CRITERIA; EVALUATION
NEEDS; GUIDELINES; ORGANIZATIONAL CHANGE;
PROGRAM EVALUATION; *VOCATIONAL EDUCATION

ABSTRACT - TO HELP SOLVE THE ORGANIZATIONAL
AND ADMINISTRATIVE PROBLEMS PREVENTING THE
EDUCATIONAL SYSTEM FROM FULLY MEETING
SOCIETY'S PRESENT AND FUTURE NEEDS, THIS
PROJECT SOUGHT TO: (1) ANALYZE THE SYSTEM'S
STRENGTHS AND WEAKNESSES, (2) DEVELOP
TENTATIVE GUIDELINES FOR REORGANIZATION OF 16
STATE VOCATIONAL EDUCATION SYSTEMS, AND (3)
FIELD TEST AN EVALUATION INSTRUMENT FOR USE
BY STATE AGENCIES. AN ORGANIZATIONAL
STRUCTURE COMPILED FOR 21 STATES WITH
QUESTIONNAIRE DATA FROM STATE EDUCATION
AGENCY OFFICIALS WAS SUPPLEMENTED BY GROUP
INTERVIEWS WITH A CROSS SECTION OF
PROFESSIONAL AND LAY PERSONS IN 16 STATES TO
IDENTIFY PROBLEM AREAS AND POSSIBLE
SOLUTIONS. FIELD TESTING OF THE EVALUATION
INSTRUMENT IN FIVE STATES DEMONSTRATED THE
URGENT NEED FOR EVALUATION. ALTHOUGH
EVALUATION CAN BE EFFECTIVE IN SEVERAL FORMS,
THIS REVISION OF AN EARLIER FORMAT AND
CRITERIA USED IN PENNSYLVANIA WAS SUPERIOR IN
EFFECTIVENESS AND NATIONWIDE APPLICABILITY.
(BH)

VT 012 663

Rules and Regulations Governing Ambulance
Service. Minimum Standards of Safety,

Sanitation, Equipment, and Training.

North Carolina State Board of Health,
Raleigh. Div. of Epidemiology.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 67 73p.

DESCRIPTORS - *STATE STANDARDS; SANITATION;
SAFETY; TRAINING; EQUIPMENT; *STATE LAWS;
*EMERGENCY SQUAD PERSONNEL; EQUIPMENT
UTILIZATION
IDENTIFIERS - NORTH CAROLINA STATE BOARD OF
HEALTH; AMBULANCE SERVICE

ABSTRACT - Ambulance services in the state of
North Carolina must comply with the minimum
standards set forth by the general statutes.
The sections cover: (1) Definitions, (2)
Permits, both operation and ambulance, (3)
Standards for Ambulance Permits, (4)
Ambulance Equipment, (5) Sanitation Standards
for Ambulances, (6) Requirements for
Ambulance Attendants, and (7) Effective Date.
(GEB)

VT 012 664 ED 048 483

Wang, Virginia L.; Rogolsky, Saul
Rehabilitation Work with the Blind; Role of
the Helping Professional in Creating a Family
Team.

Maryland Univ., College Park. Cooperative
Extension Service.

EDRS PRICE MF-\$0.65 HC-\$3.29
MEP-290

Cooperative Extension Service, University of
Maryland, College Park, Md., (\$20).
PUB DATE - Aug 70 21p.

DESCRIPTORS - *VOCATIONAL REHABILITATION;
*BLIND; TEACHING GUIDES; *TEACHER ROLE;
REHABILITATION PROGRAMS; PROGRAM DEVELOPMENT;
*FAMILY INVOLVEMENT; *ADJUSTMENT PROBLEMS

ABSTRACT - Before technical assistance can be
fully successful in helping the newly blind
to adjust, the rehabilitation teacher must
understand the inevitable identity crisis
which his client suffers and try to establish
a meaningful relationship with him. This
report considers seven aspects of the
rehabilitation process: (1) definition of the
teacher's role, (2) development of a good
relationship with the entire household, (3)
general appraisal of the blind person and his
family, (4) creation of a family team for
rehabilitation, (5) development of a
rehabilitation program, (6) motivation of the
person, and (7) implementation of the
program. Teaching outlines for: (1) Food
Preparation, (2) Meal Planning, (3) Food
Buying and Storage, (4) Home Management, and
(5) Clothing and Textiles are appended. (BH)

VT 012 665 ED 048 484

Devore, Paul W., Ed.; Smith, Wil J., Ed.
Education in a Technological Society.

West Virginia Univ., Morgantown.

EDRS PRICE MF-\$0.65 HC-\$6.58
Office of Research and Development,
Appalachian Center, West Virginia 26506
(Single copies available).

PUB DATE - Dec70 102p. Papers presented at the Conference on Education in a Technological Society (West Virginia Univ., May 4-6, 1969).

DESCRIPTORS - *TECHNOLOGICAL ADVANCEMENT; *EDUCATIONAL NEEDS; *SCHOOL ROLE; CONFERENCE REPORTS; *EDUCATIONAL RESPONSIBILITY; CITIZEN ROLE; *ADJUSTMENT (TO ENVIRONMENT); CITIZEN PARTICIPATION; HUMAN RESOURCES

ABSTRACT - Technological change places increased responsibility on the educational system of a democratic society to prepare citizens for intelligent participation in government. This conference was held to analyze the nature of the technological society and the role of education in preparing the individual for membership in that society. The papers presented include: (1) "Technology and Social Purpose" by Juergen Schmandt, (2) "The Future of Man in a Technological Society" by James H. Straubel, (3) "Technology and Change: Educational Imperatives--Technology is Our Own Thing" by Daniel V. DeSimone, (4) "Technology, Education and Society" by Walter Lowen, and (5) "Education, Technology and Human Values" by Edward Layton. (BH)

VT 012 669 ED 050 255

Section Report on Dental Assistant An Exploratory Study to Analyze New Content in Selected Occupations in Michigan and the Mechanism for its Translation into Vocational Education Curricula.

Battelle Memorial Inst., Columbus, Ohio.
Department of Labor, Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - ND 56p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *DENTAL ASSISTANTS; *CURRICULUM EVALUATION; *JOB TRAINING; *PROGRAM EVALUATION; JOB SKILLS; EDUCATIONAL RESEARCH; BIBLIOGRAPHIES; HIGH SCHOOL CURRICULUM; EMPLOYEE RESPONSIBILITY

ABSTRACT - A survey was made of the dental departments in two hospitals, two public dental out-patient clinics, and seven private practicing dentists to identify the tasks performed by the dental assistant and evaluate the existing dental assistant curriculum in Detroit schools. Analysis of data revealed that many of the dental assistants learned their skills on the job and in many instances were used as receptionist, care taker, errand girl, or personal secretary rather than in dental activities. To the employers, performance of laboratory procedures was not considered appropriate for the assistant. The employers also rated eight assistant functions according to whether they should be taught in high school or on the job, and these ratings were used when evaluating the curriculum. Examination of the existing curriculum resulted in recommendations for specifying program objectives, selection of students, course content, training facilities, clinical experience, and program evaluation. Survey data tables, a listing of equipment and

supplies, and bibliography of reference books and films are appended. (SB)

VT 012 671 ED 050 256

Section Report on Licensed Practical Nurse. An Exploratory Study to Analyze New Skill Content in Selected Occupations in Michigan and the Mechanism for Its Translation into Vocational Education Curricula.

Battelle Memorial Inst., Columbus, Ohio.
Department of Labor, Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - ND 51p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; *PRACTICAL NURSING; *GUIDELINES; *PROGRAM DEVELOPMENT; *EMPLOYMENT QUALIFICATIONS; CURRICULUM DEVELOPMENT; JOB SKILLS; JOB TRAINING; HIGH SCHOOL CURRICULUM; ENTRY WORKERS; EMPLOYEE RESPONSIBILITY

ABSTRACT - To develop a high school practical nursing curriculum, a survey was made of six hospitals, four nursing homes, and one public health agency to investigate current and expected content of the occupation and to determine attributes and personal characteristics employers look for in practical nurses. Analysis of data revealed that employers assess entry-level practical nurses in terms of amount of education, job skills, and personal qualifications. The employers also rated 11 groups of tasks according to the desirability, importance, prior knowledge, and frequency of the tasks. On the basis of data from employers, guidelines were suggested for developing practical nursing programs, including general program characteristics, data to obtain prior to establishing a program, program organization, student selection, curriculum, and facilities and policies from cooperating agencies. Survey data tables and sources of information are appended. (SB)

VT 012 675

Training and Technology: Annual Summary. Experimentation and Demonstration Program Activities January 1, 1970 through December 31, 1970.

Oak Ridge Associated Universities, Tenn.
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.
Tennessee Univ., Knoxville.
Atomic Energy Commission, Oak Ridge, Tenn.
Department of Labor, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Jan71 28p.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; SKILL CENTERS; *CULTURALLY DISADVANTAGED; *FEDERAL PROGRAMS; *INTERAGENCY COOPERATION; ANNUAL REPORTS; *UNEMPLOYED; SCHOOL INDUSTRY RELATIONSHIP; PROGRAM DESCRIPTIONS; DEMONSTRATION PROJECTS; MANPOWER NEEDS IDENTIFIERS - *MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS; TRAINING AND TECHNOLOGY; TAT

ABSTRACT - Training and Technology (TAT) is designed to explore the potential for

cooperation between industry and education in training the disadvantaged as a way to meet national shortages of skilled manpower. This annual report summarizes the demonstration projects active during 1970. Objectives, status, and accomplishments are reviewed for the experimentation and demonstration projects, which are organized in the report by priority rankings. (BH)

VT 012 676

Rehabilitation Counseling Leadership: Present and Potential. Working Paper No. 5. Career Contingencies of the Rehabilitation Counselor.

Case Western Reserve Univ., Cleveland, Ohio.
Dept. of Sociology and Anthropology.
Rehabilitation Services Administration
(DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov67 42p.

DESCRIPTORS - *REHABILITATION COUNSELING;
*EDUCATIONAL SOCIOLOGY; DEMOGRAPHY;
*ADMINISTRATIVE PERSONNEL; *GRADUATE
STUDENTS; ADMINISTRATOR QUALIFICATIONS;
PROFESSIONAL RECOGNITION; EDUCATIONAL STATUS
COMPARISON; LEADERSHIP; PROFILE EVALUATION;
SCHOOL SURVEYS; OCCUPATIONAL INFORMATION;
*CHANGING ATTITUDES; JOB SATISFACTION

ABSTRACT - To analyze the changing nature and growing professionalism of rehabilitation counseling, this report compares the beliefs, attitudes, and experiences of supervisors, educators, and recent graduates in the field. A survey was conducted of all 1965 graduates, graduate program directors, and a stratified random sample of state, district, and area supervisors and counselors-in-charge. The responses were used to determine demography, education, experience, professional status, and job attributes and attitudes. Comparison between students and educators show similarities, such as a reluctance to grant rehabilitation counseling full status as a profession. Further longitudinal research will determine if these attitudes are maintained through the fourth year after graduation. (BH)

VT 012 677 ED 050 257

Becker, John A.; Stitt, Thomas R.
Measurement of the Agricultural Resources
Role in Southern Illinois Agricultural
Education.

Southern Illinois Univ., Carbondale. School
of Agriculture.
EDRS PRICE MF-\$0.65 HC-\$3.29
Ag-Ind-Pub-5
PUB DATE - Nov68 26p.

DESCRIPTORS - *AGRICULTURAL EDUCATION;
*NATURAL RESOURCES; *EDUCATIONAL NEEDS;
PROGRAM PLANNING; PROGRAM DEVELOPMENT;
RECREATION; SECONDARY GRADES; POST SECONDARY
EDUCATION; *AGRICULTURAL OCCUPATIONS;
QUESTIONNAIRES; JOB TRAINING; *EMPLOYMENT
OPPORTUNITIES
IDENTIFIERS - *ILLINOIS

ABSTRACT - Southern Illinois is well oriented to agricultural resources occupations, including conservation, utilization, and recreation. Interest measuring tests, surveys, and questionnaires were used to: (1) measure interest of sample junior and senior high school students, (2) identify agricultural related businesses and agencies, and (3) identify and assess job titles within the identified businesses and agencies through interviews. Findings revealed that individual instruction on the secondary level is sufficient to meet the needs of students and that student needs at the postsecondary level were insufficient for a 2-year program. Recommendations were that individual students at the secondary level should be offered supervised experience programs in agricultural resources. In addition, a larger feasibility study should be conducted over the entire state of Illinois to measure the interest and occupational opportunities in this area before any junior college institutes such a program. (GB)

VT 012 678

New Mexico Farm Labor and Rural Manpower
Program 1969. Annual Report.

New Mexico State Employment Security
Commission, Albuquerque. State Employment
Service.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 69 45p.

DESCRIPTORS - *AGRICULTURAL LABORERS;
*UNEMPLOYMENT; *AUTOMATION; ECONOMIC CLIMATE;
EMPLOYMENT TRENDS; *MANPOWER UTILIZATION;
ANNUAL REPORTS; EMPLOYMENT PROGRAMS; *JOB
PLACEMENT
IDENTIFIERS - NEW MEXICO

ABSTRACT - Falling agricultural employment in New Mexico, resulting from greater mechanization, has resulted in the recent expansion of this job placement program to serve more fully the workers and employers of New Mexico. After describing the economic climate and employment trends resulting from mechanization, this annual report explains the services provided to counteract the negative employment trends. Although recruiting, rural development, public relations, and rural manpower services proved to be effective, the program suffered from inadequate funding. Questionnaires, letters, bulletins, and promotional materials are appended. (BH)

VT 012 679 ED 045 462

From Student to Practitioner:
Professionalization and De-
Professionalization in Rehabilitation
Counseling. Working Paper No. 7. Career
Contingencies of the Rehabilitation
Counselor.

Case Western Reserve Univ., Cleveland, Ohio.
Dept. of Sociology.
Rehabilitation Services Administration
(DHEW), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Mar70 12p.

DESCRIPTORS - *JOB SATISFACTION;
REHABILITATION COUNSELING; CHANGING
ATTITUDES; GRADUATE SURVEYS; *PROFESSIONAL
RECOGNITION; *VOCATIONAL FOLLOWUP; *GRADUATE
STUDENTS; DEMOGRAPHY; EDUCATIONAL BENEFITS;
*LONGITUDINAL STUDIES; ROLE PERCEPTION

ABSTRACT - Growing professionalization in rehabilitation counseling has been offset recently by the New Careers movement and its emphasis on the use of subprofessionals. To analyze recruitment and retention of personnel in the face of this changing professionalism, this report compares the spring 1965 graduates with a national sample of practicing rehabilitation counselors. A 3-year longitudinal study was used to analyze changes in various social characteristics and attitudes. The retention problem among recent graduates is attributed to a lack of professionalism and challenge in the work without salaries and working conditions good enough to compensate. The report concludes that immediate improvement can be made by changing educational programs to increase commitment and self-esteem, although a permanent solution will require an overhaul of the entire system. (BH)

VT 012 693

Work Oriented Curriculum Project.

Montgomery County Public Schools, Rockville, Md.

Vocational Rehabilitation Administration (DHEW), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

903

PUB DATE - Sep69 5p.

DESCRIPTORS - *HANDICAPPED STUDENTS; *WORK EXPERIENCE PROGRAMS; *SECONDARY SCHOOL STUDENTS; PROGRAM EVALUATION; EMPLOYMENT PATTERNS; *VOCATIONAL FOLLOWUP; *EDUCATIONAL INNOVATION
IDENTIFIERS - WORK ORIENTED CURRICULUM PROJECT

ABSTRACT - This work experience program demonstrated the effects of extending vocational support for handicapped students from a 2-year program into all four years of high school. The 131 enrollees were matched against a comparison group of students from regular school programs beginning in Grade 10. Enrollees were found to have lower dropout rates, higher employment rates, and comparable social adjustment. (BH)

VT 012 694 ED 048 485

Dumas, Neil S.; Muthard, John E.
Rehabilitation Research and Demonstration Projects, 1955-1970. Final Reports and Resultant Publications of Projects Sponsored by the Social and Rehabilitation Service.

Florida Univ., Gainesville.

Social and Rehabilitation Service (DHEW), Washington, D.C.

DOCUMENT NOT AVAILABLE FROM EDRS.

X, Regional Rehabilitation Research Institute, 901 Lakeshore Towers, Gainesville,

Florida 32601.

PUB DATE - Jun70 422p.

DESCRIPTORS - *VOCATIONAL REHABILITATION; *BIBLIOGRAPHIES; *REPORTS; *RESEARCH PROJECTS; *DEMONSTRATION PROJECTS; REHABILITATION PROGRAMS; FEDERAL PROGRAMS; SUBJECT INDEX TERMS; INFORMATION PROCESSING

ABSTRACT - During the past 15 years the Social and Rehabilitation Service has supported almost 1,700 research and demonstration projects attempting to improve rehabilitation services. In an effort to provide researchers with information on previous projects, all project directors, past and present, were asked to list final reports, related documents, and index terms for their projects. This resulting document lists project reports by subject, author, and project number. Grantees and their addresses are indexed, and project addresses are provided as sources of further information or copies of the documents. (BH)

VT 012 704 ED 048 486

Briggs, Vernon M., Jr.

Negro Employment in the South. Volume I: The Houston Labor Market.

Manpower Administration (DOL), Washington, D.C.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

MRM-23

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L1.39/3:23/V.1, \$1.00).

PUB DATE - 71 105p.

DESCRIPTORS - *EMPLOYMENT QUALIFICATIONS; *NEGRO EMPLOYMENT; *EMPLOYMENT STATISTICS; *EMPLOYMENT PATTERNS; *METROPOLITAN AREAS; EMPLOYMENT OPPORTUNITIES; EDUCATIONAL EQUALITY; NEGROES; EQUAL OPPORTUNITIES (JOBS); MANPOWER NEEDS; LABOR MARKET; MANPOWER DEVELOPMENT; RACIAL DISCRIMINATION; FEMALES
IDENTIFIERS - HOUSTON

ABSTRACT - As part of a project on Negro employment in the South, this study considers two indicators of the employment status of blacks in the Houston labor market: (1) a penetration rate which shows the degree of entrance into various employment categories, and (2) an index of occupational positions which measures relative status in these categories. In addition, programs to improve black employment patterns are described. The findings indicate structural imbalances; the employment position of blacks in Houston is below average for the nation and typical of the South, in spite of the city's growing economy and shortage of manpower. Noting the outright exclusion of black women from most jobs, the study recommends training to upgrade black men and pressure to eliminate the discriminatory hiring practices which bar black women from employment. (BH)

VT 012 705 ED 048 487

Ullery, J. William; O'Brien, Robert K.

Testing of the Guidance Program. Project ABLE; Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School.

Quincy Public Schools, Mass.
American Institutes for Research, Pittsburgh, Pa.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$3.29
OEC-5-85-019 08
TR-18 BR-5-0009
PUB DATE - Sep70 32p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*GUIDANCE PROGRAMS; *PROGRAM EVALUATION;
*OCCUPATIONAL GUIDANCE; JUNIOR HIGH SCHOOLS;
*EDUCATIONAL GUIDANCE; OCCUPATIONAL CHOICE;
POSTTESTING; PRETESTING
IDENTIFIERS - *PROJECT ABLE; PROJECT ABLE
CAREER DEVELOPMENT INVENTORY

ABSTRACT - The Project ABLE Guidance Program was designed to prepare junior high school students for making an appropriate and stable choice of a high school program. To determine the success of the program, an experimental and a control group were administered the Project ABLE Career Development Inventory prior to and after implementation of the guidance plan. The results of the testing program were inadequate, with many inconsistencies occurring in the data and on the student score sheets. Serious questions can be raised about proper administration of the pre- and posttest and use of the student kit materials, required reference, and multimedia support materials. Funds for the support of staff for the proper revision of the student kit materials have not been readily available. It is felt that further refinement of the materials and administrative procedures, better implementation, and a more exhaustive investigation of student performance will lead to more positive results. The Career Development Inventory and summary of test scores are appended. Related reports are available as ED 024 752 and ED 024 767 (VT 001395 and VT 004 848, respectively, both in ARM Winter 1969). (Author/SB)

VT 012 710

Powell, Phillip E.
Attitude Testing for an Experimental Junior High School Course in Economic Education and Manpower Development. Technical Paper #1.

Ohio Univ., Athens. Center for Economic Education.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Feb67 23p.

DESCRIPTORS - *ATTITUDE TESTS; *JUNIOR HIGH SCHOOL STUDENTS; *LABOR ECONOMICS; TEST VALIDITY; EDUCATIONAL INNOVATION; CHANGING ATTITUDES; *TEST CONSTRUCTION; TESTING PROBLEMS

ABSTRACT - This 165-item attitude test covering occupational opportunities and labor market processes was developed to measure attitude changes among junior high school

students enrolled in an experimental course on labor economics. The five types of attitude test questions used in the test, including scaled choice, ranking, checking, and limited and unlimited multiple choice, were evaluated in terms of their accuracy and ease of administration, with the scaled choice type of question receiving the most favorable evaluation. A summary table of the test question evaluation, a sample questionnaire, answer sheet, and bibliography are appended. (BH)

VT 012 713

Community Development Training Program.

Massachusetts State Dept. of Community Affairs, Boston. Office of Training.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 20p.

DESCRIPTORS - *COMMUNITY DEVELOPMENT;
*CULTURALLY DISADVANTAGED; *MANPOWER DEVELOPMENT; *EDUCATIONAL PROGRAMS; MANPOWER UTILIZATION; SUBPROFESSIONALS; LOCAL HOUSING AUTHORITIES; MANAGEMENT EDUCATION;
*OCCUPATIONAL MOBILITY
IDENTIFIERS - MODEL CITIES PROGRAM

ABSTRACT - This report describes the first year's operation of a program to train municipal officials and employees and members of nonprofit community development organizations. During this period, programs were offered in the areas of city administrative management, housing, and employment and upgrading of the disadvantaged. The available Model Cities and community action programs are described. (BH)

VT 012 715

Cudaback, Dorothea
Training and Education of New Careerists in Public Welfare.

California Univ., Richmond. Research Projects Office.
California State Dept. of Social Welfare. Projects Div.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 15May69 13p.

DESCRIPTORS - *MANPOWER UTILIZATION;
*CULTURALLY DISADVANTAGED; *CAREER OPPORTUNITIES; *SOCIAL WELFARE; MANPOWER DEVELOPMENT; WELFARE RECIPIENTS; EMPLOYMENT PROGRAMS; *GOVERNMENT EMPLOYEES; OCCUPATIONAL MOBILITY
IDENTIFIERS - *NEW CAREERS

ABSTRACT - In requiring public welfare departments to hire welfare recipients as service workers, the 1967 Social Security Act Amendments were intended both to provide productive jobs for the disadvantaged and to improve welfare services. On the basis of a New Careers welfare service aide project undertaken in an urban California county, this report describes the features essential to the success of this type of project. Stressed are education and skill training with heavy reliance on peer group learning and total agency commitment. (BH)

VT 012 718

Preparation for Law Enforcement.

Wisconsin State Univ., Stevens Point. Office of Institutional Research.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Nov70 41p.

DESCRIPTORS - *POLICE; *PROFESSIONAL EDUCATION; *EDUCATIONAL NEEDS; STATE SURVEYS; RATING SCALES; CURRICULUM RESEARCH; *LAW ENFORCEMENT
 IDENTIFIERS - WISCONSIN

ABSTRACT - To determine public opinion in Wisconsin regarding the educational preparation necessary for policemen, nearly 500 police chiefs, sheriffs, district attorneys, school superintendents, and Rotary Club presidents were surveyed. Over 40 courses or topics were evaluated as essential, helpful, or not needed in the preparation of patrolmen and staff officers. In separate listings for the two categories of policemen, the courses are ranked according to the percentages of "essential" and "helpful" responses. The complete responses are included, broken down by both rater group and police category. (BH)

VT 012 720 ED 048 488

Brandon, George L., Ed.

Research Visibility: Research and Evaluation.

American Vocational Association, Washington, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

American Vocational Journal; v46 n2 p79-82 Feb 1971.

PUB DATE - Feb71 4p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *RESEARCH REVIEWS (PUBLICATIONS); *EDUCATIONAL RESEARCH; *ANNOTATED BIBLIOGRAPHIES; *PROGRAM EVALUATION; EDUCATIONAL PROGRAMS; PROGRAM DEVELOPMENT

ABSTRACT - The purpose of this research review was to demonstrate the relationship between the research and evaluation activities and the operational programs of the American Vocational Association (AVA) as it was presented to the 1970 annual convention. The 18 research reports are reviewed under these categories: (1) Awareness, Maturity, and Performance, (2) Centers and Computers, (3) Agricultural Education, (4) Beyond High School, (5) Vocational Education, Research, and Development, (6) Health Occupations and Home Economics, (7) Distributive Education and Office Education, and (8) Trade and Industrial Achievement Tests. A brief review of the AVA Research and Evaluation Department activities is provided. (SB)

VT 012 721 ED 048 489

National Advisory Council on Vocational Education. Fourth Report.

National Advisory Council on Vocational Education, Washington, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - 16Jan71 11p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *EDUCATIONAL PROBLEMS; *ADVISORY COMMITTEES; *EDUCATIONAL FINANCE; *EDUCATIONAL PLANNING; EDUCATIONAL PROGRAMS; FEDERAL STATE RELATIONSHIP; FEDERAL AID; FEDERAL LEGISLATION
 IDENTIFIERS - VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - This report of the National Advisory Council, a committee of 21 persons from labor, management, and education, outlines the problems associated with the present system of financing vocational education and presents recommendations for overcoming these problems. The problems identified were: (1) Voters are more willing to support educational programs benefiting all students, and the costs of vocational education programs are often more expensive than a college preparatory or liberal arts course, (2) The federal and state assistance intended to be an incentive often becomes a ceiling because many school districts provide vocational programs only when they are reimbursed, (3) A tight definition of vocational education often becomes a straight jacket, (4) The state plan is not a viable planning instrument, and (5) The Federal Government has little power to affect the achievement of national objectives. To alleviate these problems, the council recommends that a new technique in federal-state relationships be adopted in which a support component, comprising 75 percent of the funds, would come from Congress, and the remaining 25 percent would be an incentive component to be allocated by the Office of Education in proportion to each state's efforts to achieve the national objective. Other recommendations are included. (SB)

VT 012 724

Pucel, David J., And Others

Vocational Maturity and Vocational Training.

American Vocational Association, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Dec70 11p. Presented at the American Vocational Association Convention (New Orleans, Dec 7, 1970).

DESCRIPTORS - *OCCUPATIONAL ASPIRATION; *MATURITY TESTS; WORK EXPERIENCE; VOCATIONAL COUNSELING; VOCATIONAL DEVELOPMENT; *VOCATIONAL INTERESTS; *TEST VALIDITY; TEST RESULTS; ERROR PATTERNS; ADULT VOCATIONAL EDUCATION; CAREER PLANNING; *CAREER CHOICE
 IDENTIFIERS - *VOCATIONAL DEVELOPMENT INVENTORY; VDI

ABSTRACT - Because of biased test results which appeared in a study of the Vocational Development Inventory (VDI), this paper questions the use of the VDI as an instrument for vocational counseling. Finding positive relationships between test scores and both intelligence and choice of a professional career, the study showed that the VDI does not provide accurate estimates of vocational maturity, since the extent to which

vocational plans are developed is not the only variable affecting test results. (BH)

VT 012 726

Osborn, William C.
An Approach to the Development of Synthetic Performance Tests for Use in Training Evaluation. Professional Paper 30-70.

Human Resources Research Organization,
Alexandria, Va.
Department of the Army, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Dec70 11p. Presentation to Annual Military Testing Association Conference (12th, French Lick, Ind., Sep 1970).

DESCRIPTORS - *TEST SELECTION; *TEST VALIDITY; *TEST CONSTRUCTION; *PERFORMANCE TESTS; *EVALUATION TECHNIQUES

ABSTRACT - This paper describes an approach to the selection of inexpensive alternatives to fully job-relevant performance tests. Based on the concept of content validity, the approach is to utilize the skill and knowledge required of the trainee as a criterion for assessing the cost and job-relevance of fabricated alternatives to performance tests. Two job tasks are analyzed to illustrate the concept. (Author/BH)

VT 012 727

Licensed and Certified Occupations in Nevada.

Nevada State Dept. of Employment Security,
Carson City. Manpower Information and Research Section.
Nevada State Dept. of Education, Carson City.
Guidance and Pupil Personnel Service.
MF AVAILABLE IN VT-ERIC SET.
Nevada Employment Security Dept., Manpower Information and Research, 500 East Third Street, Carson City, Nevada 89701 (no charge).
PUB DATE - Apr70 196p.

DESCRIPTORS - *OCCUPATIONS; *CATALOGS; *OCCUPATIONAL INFORMATION; *CERTIFICATION; EDUCATIONAL NEEDS; EMPLOYMENT QUALIFICATIONS; *STATE STANDARDS; STATE LICENSING BOARDS
IDENTIFIERS - *NEVADA

ABSTRACT - To meet some of the information needs of the labor market, this catalog of licensed occupations in Nevada includes job descriptions, state licensing requirements, fees, approved training and a source for further information for over 100 regulated occupations. Because of variations between areas, only state requirements are included. (BH)

VT 012 728 ED 048 490

Harris, James Lee
The Enrollment Rates, Dropout Rates and Economic Benefits That Characterize the Experience of the Disadvantaged in Oklahoma's Occupational Training.

University Microfilms, Inc., P.O. Box 1764,
Ann Arbor, Michigan 48106 (Order No. 71-11162, MF \$4.00; Xerography \$10.00).
PUB DATE - May70 101p.

DESCRIPTORS - *ENROLLMENT RATE; *DROPOUT RATE; *ECONOMIC OPPORTUNITIES; *VOCATIONAL EDUCATION; *DISADVANTAGED YOUTH; EMPLOYMENT OPPORTUNITIES; INCOME; HANDICAPPED STUDENTS; GRADUATE SURVEYS

ABSTRACT - Because occupational training for the disadvantaged presents special problems for the educator, this study provides information on some of the needs of disadvantaged students. Data were collected by the Occupational Training Information System and the Oklahoma Research Coordinating Unit from the full time occupational students in the state. The results show: (1) overrepresentation of the culturally and physically handicapped in Oklahoma vocational programs, along with underrepresentation of economically disadvantaged enrollees, (2) influence of program type on enrollment and dropout rates, (3) higher dropout rates for the disadvantaged, except for the physically handicapped, and (4) no difference in economic benefits or placement rates. Specific recommendations are made in the areas of research and guidance programs in occupational education. This Ed.D. Dissertation was submitted to Oklahoma State University. (BH)

VT 012 731 ED 048 491

Resource Manual 71 for the Development of Cooperative Vocational Education Programs Under the Vocational Education Amendments of 1968.

Office of Education (DHEW), Washington, D.C.
Div. of Vocational and Technical Education.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Nov70 31p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *COOPERATIVE PROGRAMS; *STATE PROGRAMS; *PROGRAM PLANNING; *PROGRAM DEVELOPMENT; FEDERAL LEGISLATION; FINANCIAL SUPPORT; WORK STUDY PROGRAMS; FEDERAL AID; EDUCATIONAL FINANCE
IDENTIFIERS - *VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - Designed to be used with "A Guide for Cooperative Vocational Education" (ED 037 564), this resource manual summarizes selected facts and suggestions to help state staffs in developing and planning cooperative vocational education programs. Sections are: (1) an introductory section describing cooperative vocational education, (2) definition and interpretation based on Part G of the Vocational Education Amendments (VEA) of 1968, (3) sources of federal funding under Parts B-L of the VEA of 1968, (4) grants to states under Part G, (5) comparative analysis of cooperative education programs and work-study programs, (6) discussion of the Part G regulations, (7) allowable expenditures of federal and matching funds under Parts B and G, (8) suggested content for applications and training agreement, and (9) persons to be

served by cooperative programs. (SB)

VT 012 735

Green, Muriel, Ed., And Others
Aerospace Education Resource Conference
(Flushing, N.Y., May 3, 1968).

New York City Board of Education, Brooklyn,
N.Y. Bureau of Curriculum Development
New York State Aerospace Education Advisory
Council

New Jersey Aerospace Education Advisory
Committee

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jul68 120p.

DESCRIPTORS - *EDUCATIONAL RESOURCES;
*AEROSPACE TECHNOLOGY; *AEROSPACE INDUSTRY;
CONFERENCE REPORTS; *TECHNOLOGICAL
ADVANCEMENT; SCHOOL INDUSTRY RELATIONSHIP;
EDUCATIONAL OBJECTIVES; CURRICULUM
DEVELOPMENT; *EDUCATIONAL RESPONSIBILITY

ABSTRACT - The great impact which the aerospace industry will have on education is just now becoming evident. This 1-day conference met to discuss this growing impact, disseminate knowledge and interest in aerospace, and develop the cooperation of the aerospace industry in education. The discussion group format of the conference provided a favorable environment for interaction in analyzing curriculum problems in small groups, divided in the morning session by grade level, and in the afternoon session by subject area. Their conclusions contain implications for the schools, industry, and government agencies. (BH)

VT 012 737

First Annual Report.

Vermont State Advisory Council for
Vocational-Technical Education, Montpelier.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 16Nov70 17p.

DESCRIPTORS - *STATE PROGRAMS; *VOCATIONAL
EDUCATION; *PROGRAM EVALUATION; ANNUAL
REPORTS; ADVISORY COMMITTEES
IDENTIFIERS - VERMONT

ABSTRACT - This first annual report evaluates Vermont's vocational education system. Ten recommended improvements are suggested, with heavy emphasis on the need for better vocational guidance. The Council's constitution is appended. (BH)

VT 012 738

Toward Your Future Job--Drive or Drift? An
Exploratory Look at Career Hopes and
Occupational Aspirations of Young People of
Oregon.

Oregon State Bureau of Labor, Salem.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 78p.

DESCRIPTORS - *STUDENT ALIENATION;
*OCCUPATIONAL ASPIRATION; *CAREER PLANNING;
*HIGH SCHOOL STUDENTS; SCHOOL SURVEYS;

*CAREER CHOICE; VOCATIONAL INTERESTS;
INDIVIDUAL CHARACTERISTICS; SOCIOECONOMIC
INFLUENCES; STUDENT ATTITUDES
IDENTIFIERS - OREGON

ABSTRACT - To determine the degree of alienation among Oregon youth, this study investigated the vocational plans of youth in the age group 16-18. A survey was made, mostly of applicants for minor's work permits, resulting in 766 usable responses. After finding specific goals or plans among 90 percent of the boys and girls surveyed, the study recommended implementation of a referral program to bring together students and employers to make available first-hand information on the occupations. (BH)

VT 012 755

Emerging Patterns. Academic and Industrial
Approaches to Education, Training and
Manpower Development in Graphic
Communications.

Graphic Arts Technical Foundation, Inc.,
Pittsburgh, Pa.

MF AVAILABLE IN VT-ERIC SET.

The Graphic Arts Technical Foundation, Inc.,
4615 Forbes Avenue, Pittsburgh, Pennsylvania
15213.

PUB DATE - 69 96p. Addresses given at
the Graphic Arts Technical Foundation, Inc.
General Education Meeting (1969).

DESCRIPTORS - *GRAPHIC ARTS; EDUCATIONAL
SUPPLY; *TRADE AND INDUSTRIAL EDUCATION;
EDUCATIONAL NEEDS; *MANPOWER NEEDS;
*CURRICULUM PROBLEMS; *SCHOOL INDUSTRY
RELATIONSHIP; EDUCATIONAL IMPROVEMENT;
COMMUNITY COLLEGES; INPLANT PROGRAMS

ABSTRACT - For many years, school and industry educational programs have failed to meet the manpower needs in the graphic arts occupations. This gap has widened as changes in jobs and required skills have not been accompanied by educational changes. The 10 papers presented in this document by K.C. Morrissey, R.I. Squire, R. Cowan, W.J. Henretty, R.G. Karnes, K.G. Scheid, W.H. Smith, L.A. Valicenti, R.B. Burr, and F.R. Maffei, Jr., have as a common goal the improvement of coordination between school and industry in meeting educational needs. The papers cover the community college role, graphic arts curriculum, inplant programs, education as a capital investment, and evaluation of present efforts by school, association, and industry. (BH)

VT 012 763 ED 049 363

Curtin, Elizabeth M.; Morine, John P.
Tufts University Summer Guidance Institute on
the Utilization of Occupational Education and
Placement (Medford, Mass., Jul 20-31, 1970).
Final Report.

Massachusetts State Dept. of Education,
Boston. Div. of Occupational Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Oct70 50p.

DESCRIPTORS - *INSTITUTES (TRAINING PROGRAMS); EDUCATIONAL CHANGE; *GUIDANCE PERSONNEL; *INSERVICE PROGRAMS; *PROGRAM EVALUATION; *PROFESSIONAL CONTINUING EDUCATION; VOCATIONAL EDUCATION; JOB PLACEMENT; DISADVANTAGED YOUTH; COUNSELOR ROLE; HANDICAPPED STUDENTS; TECHNOLOGICAL ADVANCEMENT
IDENTIFIERS - *EDUCATIONAL PROFESSIONS DEVELOPMENT ACT; MASSACHUSETTS

ABSTRACT - The purposes of this institute were to (1) provide the information needed to offer vocational courses for the non-college bound handicapped and disadvantaged, (2) point out the need for remedial and psychological services, (3) increase participants' understanding of the role of the counselor in our rapidly changing society, (4) increase emphasis on placement in school and industry, and (5) improve supervision of vocational education at all levels. Five days of presentations by experts in the field were supplemented by travel to schools, special programs, industrial plants, and a career information center to show practical applications. The major value of the institute, according to the participating guidance personnel, was in familiarizing participants with new developments in vocational education, particularly preparations for emerging occupations and technological advancement. A followup evaluation showed that the institute had great impact throughout the state, as participants assumed leadership roles in implementing the new ideas. (BH)

VT 012 767

The Seventies--Education and Change.

Graphic Arts Technical Foundation, Inc., Pittsburgh, Pa.
MF AVAILABLE IN VT-ERIC SET.
The Graphic Arts Technical Foundation, Inc., 4615 Forbes Avenue, Pittsburgh, Pennsylvania 15213.

PUB DATE - 70 60p. Addresses given at the General Education Meeting of the Graphic Arts Technical Foundation, Inc. (1970).

DESCRIPTORS - *GRAPHIC ARTS; EDUCATIONAL CHANGE; EDUCATIONAL IMPROVEMENT; EDUCATIONAL PLANNING; *TRADE AND INDUSTRIAL EDUCATION; VOCATIONAL EDUCATION; *SPEECHES; *EDUCATIONAL NEEDS; INDUSTRIAL ARTS

ABSTRACT - The purpose of the Graphic Arts Technical Foundation General Education Meeting, as indicated by the title of this document was to discuss the changes that will be made in graphic arts education during the decade of the '70's. Presentations included: (1) Printing: Forecast of the Future, (2) Key to Management Success in the 1970's--The Motivation and Training of People, (3) Can He Who Renders Images Create His Own? (4) Technology for Training, 1970, and (5) The Graphic Communications Teacher of Tomorrow: From the Educators Viewpoint, From the Printing Association Viewpoint, and From an Industry-Oriented Viewpoint. A biographical of the speakers is included. (GB)

VT 012 775 ED 049 364

Rhine, Shirley H.; Creamer, Daniel
The Technical Manpower Shortage: How Acute? A Chart Essay.

National Industrial Conference Board, New York, N.Y.

MF NOT AVAILABLE IN VT-ERIC SET.

National Industrial Conference Board, Inc., 845 Third Avenue, New York, N.Y. 10022
(Associates \$2.00, Non-Associates \$10.00).
PUB DATE - 69 76p.

DESCRIPTORS - *MANPOWER NEEDS; *TECHNICAL OCCUPATIONS; *SCIENTIFIC PERSONNEL; *EMPLOYMENT PROJECTIONS; SUBPROFESSIONALS; *LABOR SUPPLY; TECHNOLOGICAL ADVANCEMENT

ABSTRACT - Relaxed educational requirements and rising salaries attest to the increasing shortages of technical manpower over the past two decades. This report quantifies the shortages of technicians, engineers, and scientists. Increasing shortages are projected for the next 5 years, in spite of a growing supply of personnel. Abundant charts provide the labor market statistics. (BH)

VT 012 793 ED 049 365

Summaries of Studies in Agricultural Education in the Philippines, 1930-1959. An Annotated Bibliography.

University of the Philippines, College, Laguna. Coll. of Agriculture.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 68 49p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *ABSTRACTS; *AGRICULTURAL EDUCATION; *EDUCATIONAL RESEARCH
IDENTIFIERS - *PHILIPPINES

ABSTRACT - This annotated bibliography of research in agricultural education in the Philippines includes 54 studies completed between 1930 and 1959. They are arranged alphabetically by author and outlined according to purpose, method, and findings. A related document available in this issue as VT 012 975 includes 77 studies between 1960 and 1968. (GB)

VT 012 795 ED 049 366

Summaries of Studies in Agricultural Education in the Philippines, 1960-1968. An Annotated Bibliography.

University of the Philippines, College, Laguna. Coll. of Agriculture.
EDRS PRICE MF \$0.65 HC-\$3.29
PUB DATE - 68 59p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *ABSTRACTS; *AGRICULTURAL EDUCATION; *EDUCATIONAL RESEARCH

ABSTRACT - This annotated bibliography of research in agricultural education in the Philippines includes 77 studies completed between 1960 and 1968. They are arranged alphabetically by author and outlined according to purpose, method, and findings. A

related document available in this issue as VT 012 793 includes 54 studies between 1930 and 1959. (GB)

VT 012 810 ED 049 367

York, Edwin G., Comp.

A Compilation of Resource Lists for Vocational Educators: An Annotated Bibliography of Bibliographies in Vocational Education, 1960-1969. Occupational Research Development Monograph No. 2.

New Jersey State Dept. of Education, Trenton. Occupational Research and Development Branch. EDRS PRICE MF-\$0.65 HC-\$9.87

ORD Mon 2.

PUB DATE - 69 298p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *RESOURCE GUIDES; INDEXES (LOCATORS); RESOURCE MATERIALS; MATERIAL DEVELOPMENT; *EDUCATIONAL RESEARCH

ABSTRACT - A total of 579 bibliographies, compilation of abstracts, order lists, periodical indexes, reproductions of library catalog cards, books, newspaper and journal articles, government and research documents, microforms, films, and filmstrips made available since 1960 were compiled as a resource guide for vocational educators. The materials were gathered from literary sources, 25 libraries which serve large teaching-training programs, 50 large industrial corporations, the research coordinating unit or state library in each state, and over 100 professional associations related to vocational education or specific occupations. The resources are organized according to 22 general and 252 specific headings, and each entry under the specific heading is listed alphabetically by author. In addition, each entry includes a cumulative entry number, author, title, publication information, pagination, a descriptive and occasionally evaluative annotation, and availability information. An introductory section describes how to use this publication, and subject and author-agency indexes are included. (SB)

VT 012 811 ED 048 492

Ullery, J. William; Nicastro, Joseph S. Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. Project ABLE, Final Report.

Quincy Public Schools, Mass.

American Institutes for Research, Pittsburgh, Pa.

National Center for Educational Research and Development (DHEW/OE), Washington, D.C.

EDRS PRICE MF-\$0.65 HC-\$6.58

OEC-5-85-019 08

BR-5-0009

PUB DATE - 30Sep70 163p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *CURRICULUM DESIGN; CORE CURRICULUM; *CURRICULUM EVALUATION; AREA VOCATIONAL SCHOOLS; *SYSTEMS APPROACH; EDUCATIONAL ACTIVITIES; *EXPERIMENTAL CURRICULUM; PROGRAM

EVALUATION; STUDENT EVALUATION; INDIVIDUALIZED INSTRUCTION; VOCATIONAL COUNSELING; OCCUPATIONAL INFORMATION; MATERIAL DEVELOPMENT; TEACHER EDUCATION IDENTIFIERS - *PROJECT ABLE

ABSTRACT - Project ABLE, a systems approach to occupational education, was conducted (1) to demonstrate increased effectiveness of instruction whose content is derived from analysis of desired behaviors after graduation and (2) to apply newly developed educational technology to the design, conduct, and evaluation of vocational education. Several procedures were established to accomplish project objectives, including methods for defining educational objectives, deriving course content, individualizing instruction, measuring student achievement, and evaluating program results. Despite several problems, especially budgetary limitations, Project ABLE has made major contributions in terms of potential national significance and application in the areas of individualized instruction, student evaluation, and program evaluation. Before the effectiveness of the instruction can be demonstrated, all system components must be completed, a field test population of adequate size must be used, and a longitudinal study of an adequate number of graduates must be conducted. Recommendations and selected references are listed, and several project materials are appended, including brief summaries of the 18 previous technical reports. (SB)

VT 012 815 ED 048 494

Duis, Harold F.

State Vocational Education Statistics, Fiscal Year 1969. Preliminary Report.

Bureau of Adult, Vocational, and Technical Education (DHEW/OE), Washington, D.C.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

OE-80071

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

(HE5.280:80071, \$.35)

PUB DATE - 70 26p.

DESCRIPTORS - *VOCATIONAL EDUCATION; PROGRAM EVALUATION; *STUDENT ENROLLMENT; ENROLLMENT TRENDS; ADULT EDUCATION; *EXPENDITURES; EXPENDITURE PER STUDENT; SECONDARY EDUCATION; JOB PLACEMENT; POST SECONDARY EDUCATION; STATISTICAL DATA; *COMPARATIVE STATISTICS; *STATE PROGRAMS

ABSTRACT - This preliminary report, consisting of 14 statistical tables and a summary of their contents, was prepared from the states' reports on vocational education programs. The tables, which include data on enrollments and expenditures, indicate the national norm and each state's relationship to this norm. For certain items, data for previous years are given for comparison. This summary should prove useful to persons interested in the contributions being made by vocational education and particularly those individuals concerned with evaluation of the vocational education program. A final report

ARM/FALL 71

will follow. (Author/JS)

VT 012 816 ED 049 368
Hammond, Allen
Mathematical Models in Education and
Training.

Rand Corp., Santa Monica, Calif.
Department of the Air Force, Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
The Rand Corporation, 1700 Main Street, Santa
Monica, California 90406 (\$2.00).
PUB DATE - Sep70 37p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*MATHEMATICAL MODELS; *EDUCATIONAL PLANNING;
*DECISION MAKING; EDUCATIONAL RESOURCES;
EDUCATIONAL RESEARCH; PROGRAM EFFECTIVENESS;
PROGRAM EVALUATION; *EDUCATIONAL
ADMINISTRATION; SYSTEMS ANALYSIS

ABSTRACT - Education and training systems are complex organizations of facilities, instructors, equipment, routines, and students. Because of this complexity, mathematical models can be used effectively to explain the behavior of educational systems and to assist in making decisions relative to better design and operation, and improved cost-effectiveness, capacity, and quality. This document, therefore, presents an assessment of the present state of the art of modeling educational systems. Important to all areas of educational research, the document is written in relatively nontechnical terms and is intended primarily for administrators who are assumed not to have strong mathematical backgrounds. A technical appendix is included for these readers who wish to pursue the actual construction of models in greater depth. (Author)

VT 012 817 ED 048 495
Keene, Richard
Project SUCCESS: Student Upward Challenges in Comprehensive Exemplary Secondary Schools, School Year 1969-70. Final Report.

Utah Research Coordinating Unit for
Vocational and Technical Education, Salt Lake
City.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$6.58
OEG-4-7-063046-1612 08
BR-6-3046
PUB DATE - Oct70 124p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
ENROLLMENT TRENDS; *PROGRAM EVALUATION;
SECONDARY EDUCATION; *EDUCATIONAL OBJECTIVES;
*PROGRAM IMPROVEMENT; STUDENT NEEDS; STUDY
ABILITY; STUDENT INTERESTS; *PROGRAM
EFFECTIVENESS; MANPOWER NEEDS; RESEARCH
COORDINATING UNITS
IDENTIFIERS - UTAH; *PROJECT SUCCESS

ABSTRACT - The primary objective of Project SUCCESS was to provide each student with the opportunity to match his abilities, interests, and values with the requirements of present and future job opportunities. In

an effort to determine the effectiveness of the project, this document presents a summary of the related evaluation data. The majority of the document is devoted to the appendixes, including enrollment trends for the various program areas plus objective ratings. The overall effectiveness of the program is 2.93 based on a 4.0 scale, indicating that the program needs further development, but is generally adequate. (CD)

VT 012 818 ED 048 496
Gaddis, G. Warren
Project "Follow-Up." Interim Report.

Utah Research Coordinating Unit for
Vocational and Technical Education, Salt Lake
City.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$3.29
OEG-4-7-063046-1612 08
BR-6-3046
PUB DATE - Dec70 59p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*FOLLOWUP STUDIES; *METHODOLOGY; *DATA
COLLECTION; *PROGRAM EVALUATION;
QUESTIONNAIRES; HIGH SCHOOL STUDENTS; PROGRAM
EFFECTIVENESS; PROGRAM COSTS; POST SECONDARY
EDUCATION; RESEARCH COORDINATING UNITS
IDENTIFIERS - UTAH

ABSTRACT - This document summarizes the continued effort to develop procedures and machinery for a State-wide, 5-year followup of Utah high school and postsecondary vocational students. Included in the document are data for cost-effectiveness evaluation of vocational programs. Emphasis was placed on judging the value of the data collection instruments and procedures as previously developed and reported in earlier reports. The current efforts led to several conclusions, including: (1) the method of deriving the populations was adequate, (2) the procedures for collecting enrollment data and the percentage of questionnaire returns were not satisfactory, and (3) program costs are highly variable without apparent reason. It was recommended that this project be continued. (Author/JS)

VT 012 819 ED 049 369
Buzzell, Charles H.
Incidence of Geographic and Occupational
Mobility Among Certified Electronic
Technicians in the Middle Atlantic States.

New Jersey Occupational Research and
Development Branch, Trenton.
EDRS PRICE MF-\$0.65 HC-\$6.58
ORDM 7
PUB DATE - ND 191p.

DESCRIPTORS - *RELOCATION; *OCCUPATIONAL
MOBILITY; *ELECTRONIC TECHNICIANS;
*ENGINEERING TECHNICIANS; *EDUCATIONAL
ENVIRONMENT; EDUCATIONAL BACKGROUND;
COMPARATIVE ANALYSIS; QUESTIONNAIRES

ABSTRACT - To determine the extent to which differences in occupational and geographic

69

mobility are a result of the learning environment in which a certified electronic technician was trained, and to disclose the differences resulting from the occupation itself, the entire population of over 1,500 certified engineering technicians in New York, New Jersey, and Pennsylvania were surveyed by questionnaire. The results show great similarity among technicians from different training environments and from different areas of specialization. Differences in geographic and occupational mobility were unrelated to learning environment for all classes of technicians. (BH)

VT 012 820

Stevenson, William W.; Harris, James L. Cycle Three Report. Occupational Training Information System.

Oklahoma State Dept. of Vocational and Technical Education, Stillwater. Div. of Research, Planning and Evaluation
Oklahoma State Dept. of Industrial Development and Parks, Oklahoma City
Ozarks Regional Commission, Little Rock, Ark.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 31Jan71 284p.

DESCRIPTORS - *MANPOWER NEEDS; *LABOR SUPPLY; *MANPOWER DEVELOPMENT; *INFORMATION SYSTEMS; *UNEMPLOYED; VOCATIONAL EDUCATION; ON THE JOB TRAINING; STATE PROGRAMS; PROGRAM PLANNING; TABLES (DATA)
IDENTIFIERS - *OCCUPATIONAL TRAINING INFORMATION SYSTEM; OTIS

ABSTRACT - The overall purpose of the Occupational Training Information System (OTIS) is to provide improved data for evaluating recommended changes in the Oklahoma State Plan for Vocational Education. In addition to matching labor supply and demand to show net demand, the project covers cost analysis, followup, underdeveloped human resources, and sociopolitical involvements between different agencies with similar goals. This Cycle III report provides data on labor supply and demand, and their interfacing, to show net additional manpower requirements for 1971, by occupation and training programs. Programs offered in the state are grouped according to net demand to provide training priorities. Earlier reports are available as VT 010 020, VT 011 072, and ED 042 050 or VT 011 582 (all in ARM Winter 1970). (BH)

VT 012 821 ED 049 370

Husted, Frank L., Ed.; Perry, J. Warren, Ed. Manpower Conference on Allied Health Professions Assistants (Buffalo, N.Y., Apr 16-17, 1970).

State Univ. of New York, Buffalo. School of Health Related Professions.
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - 70 161p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; CONFERENCE REPORTS; HEALTH PERSONNEL; POWER UTILIZATION; *SUBPROFESSIONALS;

MANPOWER NEEDS; MANPOWER DEVELOPMENT; HEALTH SERVICES; EDUCATIONAL NEEDS; CERTIFICATION; OCCUPATIONAL MOBILITY

ABSTRACT - The 73 participants representing 10 health professions, health education at all levels, and federal and state agencies attended a 2-day conference which attempted to reinforce communication among allied health practitioners in the utilization of the allied health assistant in the delivery of health care. Major issue papers, which provided discussion ideas for multidisciplinary workshops, were: (1) "Health Manpower and the Health Crisis" by K.M. Endicott, (2) "The Assistant: Mobile or Immobile?" by J.W. Perry, (3) "The Assistant's Basic Education" by Sister A. Joachim, (4) "The Need: Who? When? Where?" by L.M. Detmer, and (5) "Certification and Licensure: Blessing or Boondoggle?" by E.E. Leuallen. Needs of selected disciplines were also recognized, and these become the major area of concentration in the panels and disciplinary workshops. Texts of the major papers and workshop notes are included in the report. (SB)

VT 012 821 ED 048 497

Gibson, Dennis L., and Others
Manual for the Minnesota Satisfactoriness Scales. Minnesota Studies in Vocational Rehabilitation: XXVII.

Minnesota Univ., Minneapolis. Industrial Relations Center.
Social and Rehabilitation Service (DHEW), Washington, D.C.

DOCUMENT NOT AVAILABLE FROM EDRS.

Bull-53

Work Adjustment Project, 447 B.A. Building, University of Minnesota, Minneapolis, Minnesota 55455

PUB DATE -- Dec70 57p.

DESCRIPTORS - *PERSONNEL EVALUATION; JOB PLACEMENT; *QUESTIONNAIRES; *TEST CONSTRUCTION; TEST RELIABILITY; TEST VALIDITY; EMPLOYEES; TASK PERFORMANCE; TEST RESULTS; *MANUALS; VOCATIONAL REHABILITATION; MEASUREMENT INSTRUMENTS; TEST INTERPRETATION
IDENTIFIERS - *MINNESOTA SATISFACTORINESS SCALES

ABSTRACT - Intended as a manual for the Minnesota Satisfaction Scales, this monograph describes the development of the 28-item questionnaire designed to be completed by a worker's supervisor to assess the satisfactoriness of an employee. The scales were developed from supervisor ratings of 2,373 workers, and norms are provided for the occupational groups of Professional, Managerial and Technical, Clerical and Sales, Machine Trades and Bench Work, and Workers-in-General. The five scales show a median internal consistency reliability of .87, and a median test-retest reliability for several job groups over a 2-year interval was .50. Other technical data concerning the reliability and validity of the scales are provided. In addition to use by a worker's supervisor, the scales can be used by a vocational rehabilitation agency or counselor

in followup studies which evaluate the quality of counseling outcomes, or it can be used to evaluate the effectiveness of job placement or training programs. Authorization to use the scales may be obtained by writing to Vocational Psychology Research, 406 Elliott Hall, University of Minnesota, Minneapolis, Minnesota 55455. (SB)

VT 012 824

Bibliography of CORE (Careers Oriented Relevant Education). Related Projects and Materials.

Oregon State Univ., Eugene. School of Education.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
MF AVAILABLE IN VT-ERIC SET.
OEG-0-9-470214-4522(085) 24
BR-9-0214
PUB DATE - 70 20p.

DESCRIPTORS - *BIBLIOGRAPHIES; VOCATIONAL EDUCATION; *PROGRAM DEVELOPMENT; *RESOURCE MATERIALS; *CAREER PLANNING; CAREER CHOICE; OCCUPATIONAL INFORMATION; INSTRUCTIONAL MATERIALS; CURRICULUM DEVELOPMENT; OCCUPATIONAL GUIDANCE; *RELEVANCE (EDUCATION)

ABSTRACT - This bibliography presents 220 citations, including conference reports, speeches, curriculums and program descriptions, research and project reports, instructional materials, and bibliographies. Listings are arranged alphabetically by author and provide information pertaining to the title and source of the document as well as the date and page listing. This bibliography is related to occupational education programs. (JS)

VT 012 825 ED 049 371

Dupont, Julie A.
Women--Their Social and Economic Status.
Selected References.

Department of Labor, Washington, D.C.
Library.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Dec70 46p.

DESCRIPTORS - *BIBLIOGRAPHIES; *FEMALES; *SOCIAL STATUS; *ECONOMIC STATUS; WORKING WOMEN; FEDERAL LEGISLATION

ABSTRACT - The 396 publications that treat various aspects of the social and economic status of women are organized alphabetically by author under these categories: (1) General, (2) Historical, and (3) 19th and 20th Centuries. Each entry includes the author, title, publication information, pagination, an occasional description of the contents, Library of Congress call number, and symbols representing the library holding the document. In addition to the bibliography, a brief description of the Women's Bureau and legislation relating to its founding, and an annotated listing of 23 collections of materials relating to women provided. (SB)

VT 012 833 ED 049 372

Employment Contexts and Disadvantaged Workers. Phase 1, Final Report.

Bureau of Social Science Research, Inc., Washington, D.C.
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
BSSB:421
Bureau of Social Science Research, Inc., 1200-17th Street, N.W., Washington, D.C. 20036 (\$2.00).
PUB DATE - Feb70 69p.

DESCRIPTORS - *WELFARE RECIPIENTS; *RESEARCH METHODOLOGY; *VOCATIONAL FOLLOWUP; *RESEARCH DESIGN; *EMPLOYMENT PROGRAMS; EMPLOYMENT; SUCCESS FACTORS; JOB PLACEMENT; ADULT VOCATIONAL EDUCATION; FEDERAL PROGRAMS; EMPLOYER ATTITUDES
IDENTIFIERS - *WORK INCENTIVE PROGRAM; WIN

ABSTRACT - The first phase of a two-phase study of the employment success of welfare recipients trained and placed under the Work-Incentive (WIN) program is summarized. During this phase the methodology for the study was developed, including questionnaire structure, model field procedures, and study design. Preliminary instruments and procedures were tested in Denver, San Diego, San Bernadino, and Washington, D.C. on the basis of which the questionnaires and research design were revised and tested several times. Although conclusions on such aspects of employment as vocational adjustment and employer attitudes will not be made until Phase II, the field experiences of Phase I did result in considerable data on WIN placements. (BH)

VT 012 845 ED 049 374

Toward A New Activism: Youth's Role in a Changing Society. Final Report.

Governor's Commission for Youth Involvement, Olympia, Wash.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - May70 47p.

DESCRIPTORS - GENERATION GAP; SOCIAL ACTION; POLITICAL ATTITUDES; *SOCIAL CHANGE; *STUDENT ALIENATION; SOCIAL VALUES; *ACTIVISM; SOCIAL PROBLEMS; *YOUTH; *CIVIL LIBERTIES

ABSTRACT - The Commission for Youth Involvement was formed to examine existing programs and recommend better methods to facilitate youth participation in state and community affairs. The commission studied education, social problems, State government, community government, the present political system, and youth and the law. Recommendations included: (1) that youth form a political action organization with the help of the governor, (2) that State law be changed to conform to reality in such matters as curfew, rights in court, drug use, and modern morality, and (3) the formation of a State office for social action. (BH)

VT 012 848 ED 048 498

Working Children. A Report on Child Labor.

Wage and Hour and Public Contracts Division
(DOL), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 70 21p.

DESCRIPTORS - *CHILD LABOR; *FEDERAL LAWS;
*EMPLOYMENT STATISTICS; WORKING HOURS; WORK
ENVIRONMENT; *LAW ENFORCEMENT; *CHILD LABOR
LAWS; TABLES (DATA)
IDENTIFIERS - *FAIR LABOR STANDARDS ACT

ABSTRACT - This report describes violations
of Federal child labor laws. Included are
statistics on illegal employment in 1969,
according to region, age, school grade, and
occupation. This document is a revision of ED
034 026 (VT 009 519, ARM Summer 1970). (BH)

VT 012 852 ED 048 499

Biekert, Russell
An Experimental Comparison of Two Methods of
Teaching Numerical Control Manual Programming
Concepts: Visual Media Versus Hands-On
Equipment.

DOCUMENT NOT AVAILABLE FROM ERS.
University Microfilms, Inc., P.O. Box 1764,
Ann Arbor, Michigan 48106 (MF \$4.00,
Xerography \$10.00).
PUB DATE - Jun71 189p.

DESCRIPTORS - *TEACHING METHODS; STUDENT
INTERESTS; DOCTORAL THESES; COMPARATIVE
ANALYSIS; TRADE AND INDUSTRIAL EDUCATION;
*PROGRAMERS; AUTOMATION; *NUMERICAL CONTROL;
*ACTIVITY LEARNING; EDUCATIONAL EXPERIMENTS;
VISUAL LEARNING; PERFORMANCE; ACHIEVEMENT

ABSTRACT - Accompanying the rapid changes in
technology has been a greater dependence on
automation and numerical control, which has
resulted in the need to find ways of
preparing programers for industrial machines
using numerical control. To compare the
hands-on equipment method and a visual media
method of teaching numerical control, an
experimental and a control group of 47
college industrial technical education
students were selected. The analysis of data
collected by means of an achievement test, a
performance test, and an interest inventory
revealed no significant difference between
the two methods. A major conclusion was that
college students enrolled in a general metals
course have relatively equal success at
programming point-to-point numerical control
problems from either a hands-on equipment
method or a visual media method. This Ed.D.
dissertation was presented to Arizona State
University. (Author/JS)

VT 012 853 ED 048 500

Auer, Herbert John
A Comparison of Student-Designed-Circuit and
Predesigned-Circuit Analysis Methods for
College Students' Electricity Laboratory
Experience.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., P.O. Box 1764,
Ann Arbor, Michigan 48106 (MF-\$4.00,
Xerography \$10.00).

PUB DATE - Jun71 306p.

DESCRIPTORS - *INDUSTRIAL EDUCATION;
COMPARATIVE ANALYSIS; DOCTORAL THESES;
*TEACHING METHODS; *ELECTRONICS; *TEACHING
TECHNIQUES; STUDENT ATTITUDES; *ELECTRICITY;
PROBLEM SOLVING; CONCEPT TEACHING; ACADEMIC
ACHIEVEMENT; LABORATORY TRAINING; EDUCATIONAL
EXPERIMENTS

ABSTRACT - For some time industrial educators
have been concerned with effective methods of
teaching electricity-electronics. This study
compared the relative effectiveness of the
predesigned-circuit method with a student-
designed circuit method for students'
laboratory experience. Using one unit of
college-level industrial education
electricity-for-electronics course, the bases
for comparison were: (1) composite knowledge
of the study unit subject matter, (2)
electrical problem-solving ability, (3)
knowledge of concepts and principles, and (4)
group's treatment consisted of laboratory
analysis of redesigned circuits in a
published laboratory manual. The experimental
group's treatment involved the same circuit
topics, but the circuits were student-
designed to meet instructor-given
specifications before laboratory analysis.
Statistical analysis of the collected data
revealed no significant difference between
the two methods. Further research regarding
laboratory experiences in electricity-
electronics education was recommended. This
Ed.D dissertation was presented to Arizona
State University. (Author/JS)

VT 012 854 ED 048 501

Improving The Nation's Manpower Efforts. A
Position Paper.

National Manpower Policy Task Force,
Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
National Manpower Policy Task Force, 1819 H
Street, N.W., Washington, D.C. 20006 (\$0.60)
PUB DATE - 12Feb70 14p.

DESCRIPTORS - CULTURALLY DISADVANTAGED;
*MANPOWER DEVELOPMENT; *PUBLIC POLICY;
*FEDERAL PROGRAMS; *FEDERAL LEGISLATION;
PROGRAM DEVELOPMENT

ABSTRACT - This booklet describes three
legislative bills to reform existing federal
manpower programs. The proposals share an
emphasis on a single comprehensive manpower
program for the disadvantaged, using state
and local planning of flexible programs to
meet local needs. A Combination of the three
proposals is recommended. (BH)

VT 012 855 ED 049 375

Conference on Upgrading and New Careers.

National Manpower Policy Task Force,
Washington, D.C.
Manpower Administration (DOL), Washington,
D.C. Office of Research and Development
EDRS PRICE MF-\$0.65 HC-\$6.58
National Manpower Policy Task Force, 1819 H
Street, N.W., Washington, D.C. 20006 (\$5.00).

ARM/FALL

PUB DATE 10Mar70 133p.

DESCRIPTORS - *CULTURALLY DISADVANTAGED; *JOB DEVELOPMENT; *MANPOWER UTILIZATION; *OCCUPATIONAL MOBILITY; *EMPLOYMENT PROGRAMS; FEDERAL AID; CAREER OPPORTUNITIES; PROMOTION (OCCUPATIONAL); MANPOWER DEVELOPMENT; CONFERENCE REPORTS; CAREER LADDERS

ABSTRACT - This conference met to consider the political and financial problems in providing government-financed programs to improve upgrading in private and public jobs. The morning session was devoted to federal support of upgrading in industry. In the afternoon session, participants discussed new careers in the service sector, including civil service employment. The eight papers were presented by Seymour Brandwein, Samuel Marks, Dennis Derryck, Eleanor Gilpatrick, Jean Couturier, Sumner Rosen, Arnold Nemore, and Sidney Fine. (BH)

VT 012 856 ED 049 376
Shea, John R., And Others
Years for Decision: A Longitudinal Study of the Educational and Labor Market Experience of Young Women. Volume One.

Ohio State Univ., Columbus. Center for Human Resource Research.
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$9.87
PUB DATE - Feb71 245p.

DESCRIPTORS - *SOCIOECONOMIC STATUS; *DEMOGRAPHY; *YOUTH EMPLOYMENT; *EDUCATIONAL DEMAND; *FEMALES; OCCUPATIONAL MOBILITY; EMPLOYMENT OPPORTUNITIES; LONGITUDINAL STUDIES; WORK ATTITUDES; NEGRO EMPLOYMENT

ABSTRACT - Data collected in a 1968 interview survey of a national probability sample of young women 14-24 years of age are the basis for a 5-year longitudinal study of employment and educational experience. The report analyzes work experience, educational background, labor market status, work attitudes, and plans for the future. Future analysis will use changes in the variables to determine the effects of socioeconomic and demographic factors on education and employment decisions. Studies of other population subgroups, divided by age and sex, have been conducted by The Center for Human Resource Research, and are available in past issues of Research in Education. (BH)

VT 012 858 ED 048 502
Cape, William H., Ed.
Hiring the Disadvantaged.

North Carolina Univ., Chapel Hill. Inst. of Government.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.
Institute of Government, Box 990, Chapel Hill, N.C. 27514 (\$2.00).
PUB DATE - 70 89p.

DESCRIPTORS - *CULTURALLY DISADVANTAGED; *EMPLOYMENT OPPORTUNITIES; *EMPLOYMENT

73

PROBLEMS; *GOVERNMENT EMPLOYEES; EMPLOYMENT PROGRAMS; MANPOWER DEVELOPMENT; EQUAL OPPORTUNITIES (JOBS); *MANPOWER UTILIZATION; EMPLOYMENT PRACTICES; CONFERENCE REPORTS

ABSTRACT - To provide an opportunity for state and local government officials to exchange information on the problem of providing public employment for the disadvantaged, a 2-day workshop was held at the University of North Carolina in November 1969. This report includes a resume of the workshop sessions and nine papers presented by participants. All aspects of the problem were discussed, with emphasis on maintaining merit principles while removing unnecessary job barriers. (BH)

VT 012 859 ED 049 377
Wroot, Richard Everatt
A Study of the Need for Pedagogical Training as Perceived by the Staff of the Alberta Institutes of Technology.

EDRS PRICE MF-\$0.65 HC-\$9.87.
PUB DATE - 70 202p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *EFFECTIVE TEACHING; INSERVICE TEACHING; TEACHING METHODS; *TEACHING SKILLS; OPINIONS; TEACHER ATTITUDES; ADMINISTRATOR ATTITUDES; MASTERS THESES; *EDUCATIONAL NEEDS; SKILL DEVELOPMENT; PRESERVICE EDUCATION; *TEACHER EDUCATION

ABSTRACT - The main purpose of this study was to determine the need for pedagogical training as perceived by practicing instructors and academic administrators in two postsecondary technical and vocational institutes. To collect the needed data an instrument was developed to elicit opinions on (1) the importance and need of certain skills and knowledges to an instructor, (2) the helpfulness of suggested inservice and supervisory activities in the improvement of instruction, and (3) the best methods for developing practical teaching skills in the beginning instructor. Statistical analysis revealed that: (1) Competencies important to an instructor include communication skills, school management, and the development and maintenance of discipline, (2) Inservice and supervisory activities helpful in improving teaching include demonstrations of teaching methods, practice teaching with video-tapes, and observation of fellow instructors, (3) The most effective methods for developing practical teaching skills in a new instructor are a period of internship, student teaching, or practice teaching sessions, and (4) The perceived need for pedagogical training is influenced by such factors as work area, staff position, and technical qualifications. This M.A. thesis was presented to the University of Alberta. (Author/JS)

VT 012 861
The Michigan Manpower Study, Summary Report. An Analysis of the Characteristics of Michigan's Labor Force in the Next 15 Years.

Battelle Memorial Inst., Columbus, Ohio.

Manpower and Regional Economics Div.
Michigan State Dept. of Labor, Detroit.
Employment Security Commission
Michigan State Dept. of Education, Lansing.
Div. of Vocational Education
Michigan State Dept. of Commerce, Lansing.
State Resource Planning Div.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Nov66 16p.

DESCRIPTORS - *EMPLOYMENT PROJECTIONS; *LABOR FORCE; *TECHNOLOGICAL ADVANCEMENT; *EDUCATIONAL NEEDS; *DEMOGRAPHY; ECONOMIC PROGRESS; EMPLOYMENT TRENDS; ECONOMIC CLIMATE; ACADEMIC ACHIEVEMENT
IDENTIFIERS - MICHIGAN

ABSTRACT - The Michigan Manpower Study developed the methodology for projecting labor force characteristics such as education, occupation, and industry. Projections for the Michigan labor force in 1970, 1975, and 1980 are intended to aid in the state's educational planning. Using educational attainment to compare supply and demand, the labor market analysis quantifies the growing importance of formal education in job preparation. Employment projections for the state, within the framework of a predicted state and national economic climate in the 1970's, show increased proportions of white-collar workers and professional personnel. (BH)

VT 012 862 ED 048 503
Taylor, Celianna I.; Magisos, Joel H.
Guide For State Vocational-Technical Education Information Dissemination Systems.
Research and Development Series No. 47.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$9.87
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210.
PUB DATE - 71 206p.

DESCRIPTORS - *RESEARCH COORDINATING UNITS; EDUCATIONAL RESOURCES; RESEARCH UTILIZATION; STATE PROGRAMS; *VOCATIONAL EDUCATION; MODELS; *INFORMATION DISSEMINATION; INFORMATION NETWORKS; *INFORMATION SYSTEMS; INFORMATION UTILIZATION; INFORMATION NEEDS; EDUCATIONAL PLANNING; *PROGRAM GUIDES; EDUCATIONAL OBJECTIVES; PROGRAM EVALUATION; PROBLEM SOLVING

ABSTRACT - The State Research Coordination Units (RCU's) are in an optimum position to provide linkage between the Educational Resources Information Center (ERIC) and its users as part of a comprehensive vocational-technical education information dissemination system. Realizing this, the Center for Vocational and Technical Education developed this guide with the assistance of RCU personnel. The Guide offers a means of facilitating the information dissemination provision of the Vocational Education Act Amendments of 1968, strengthened by the development of an effective linkage with ERIC the ERIC Clearinghouse on Vocational

Education, greater knowledge of the total system by participants, and attention to sound principles of program planning and operation. An overview of the problem, guiding principles, essential planning considerations, and steps in implementation are included. Professional personnel should find the guide flexible enough to permit use at different levels and stages of information dissemination efforts. Appendixes and attachments help explain the uses and resources of ERIC. (CD)

VT 012 865 ED 048 504
Follow-Up of Selected MDTA Programs.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.
PUB DATE - 70 20p.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; PROGRAM EVALUATION; *VOCATIONAL FOLLOWUP; *GRADUATE SURVEYS; EMPLOYER ATTITUDES
IDENTIFIERS - *MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS; UTAH

ABSTRACT - To evaluate the effectiveness of Manpower Development and Training Act programs in Utah in terms of graduates' job success and employer and trainee attitudes, 105 graduates and their employers were surveyed. Usable responses from a third of the graduates and half the employers proved the training to be quite effective. Because of inadequate placement and followup, the report recommends active placement efforts by the Employment Security office near the end of each training period, with more effective means of followup than mailed questionnaires. (Not available in hard copy due to marginal legibility of original document.) (BH)

VT 012 866 ED 048 505
Industrial Arts Teacher Education Fellowship Program in the Technologies, 1969-1970.

West Virginia Univ., Morgantown. Coll. of Human Resources and Education.
EDRS PRICE MF-\$0.65 HC-\$3.29
College of Human Resources and Education, Division of Education, West Virginia University, Morgantown, W.Va. 26506 (single copies without charge; send stamped self-addressed mailing envelope, size 7x10).
PUB DATE - ND 76p.

DESCRIPTORS - *INDUSTRIAL ARTS TEACHERS; INDUSTRIAL ARTS; TEACHER EDUCATORS; TECHNOLOGY; *TEACHER PROGRAMS; EDUCATIONAL PLANNING; *LEADERSHIP TRAINING; *PROGRAM DEVELOPMENT; FELLOWSHIPS; *TEACHER EDUCATION; MODELS

ABSTRACT - Ten teacher educators took part in the 1-year fellowship program which focused on leadership and program development for teacher education in the technologies. The implications of the content and knowledge structures of current technology for teacher

preparation, and the establishment of learner-oriented programs for a technological society were the primary concerns of the program. Two program models were developed, entitled: (1) Rationale and Structure of a Model Program for the Education of Teacher-Scholars in Technology, and (2) Technology--A Base for Industrial Arts Teacher Education. These models should provide industrial arts teacher educators with new insights for changing current programs. (GEB)

VT 012 868

Hyatt, Norman F.

Potential Lifetime Earnings Based on Job Classifications and Formal Education. Final Report.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.

Office of Education (DHEW), Washington, D.C.

Bureau of Research

MF AVAILABLE IN VT-ERIC SET.

OEG-4-7-063046-1612 08

BR-6-3046

PUB DATE - Feb 71 24p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *INCOME; RESEARCH NEEDS; *EDUCATION; EMPLOYMENT LEVEL; MATHEMATICAL MODELS; JOB ANALYSIS; OCCUPATIONAL INFORMATION; DATA ANALYSIS; *WORK LIFE EXPECTANCY; TABLES (DATA); *EMPLOYMENT POTENTIAL

ABSTRACT - This research effort consisted primarily of estimating potential lifetime earnings for Utah's male labor force according to the number employed, educational access level, entry age, and years of special training. The results of this study led to the recommendation that a comprehensive study of earnings of Utah's labor force be undertaken using life history data as the base. Included are several data tables which present the potential lifetime earnings. (JS)

VT 012 870 ED 049 378

Lloyd, Glenna G.

A Study of the Causes of Physical and Emotional Problems Encountered by Older Women Returning to Secretarial Employment After A Prolonged Absence. Final Report.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.

Office of Education (DHEW), Washington, D.C.

Bureau of Research

EDRS PRICE MF-\$0.65 HC-\$3.29

OEG-4-7-063046-1612 08

BR-6-3046

PUB DATE - Jul 70 86p.

DESCRIPTORS - *OFFICE OCCUPATIONS EDUCATION; BUSINESS EDUCATION; *SECRETARIES; *WORKING WOMEN; EDUCATIONAL NEEDS; EMOTIONAL PROBLEMS; *VOCATIONAL ADJUSTMENT; VOCATIONAL RETRAINING; *MIDDLE AGED; AGE

ABSTRACT - The problem of this study was to identify the cause of the physical and emotional problems encountered by older women

who have returned to work after a prolonged absence. Such information, it was believed, would be valuable to business and educational institutions in retraining or updating prospective secretarial employees. Data for the study were gathered by a mail questionnaire sent to older women currently working for 17 business firms in the Salt Lake-Ogden-Provo market area. Several conclusions were formulated as a result of the findings. Among these conclusions were that (1) Family obligations and age are the causes of most emotional anxiety for older women returning to secretarial employment, (2) Lack of proficiency in the technical skills is an area of major concern to older women, and (3) A workshop or similar review course in the secretarial skills is desirable to enable older women to return to work in secretarial positions. One recommendation is that schools on the postsecondary level develop and initiate programs for the retraining of older women in the secretarial skills. (Author)

VT 012 872

Dunaye, Thomas M.

Health Planning: A Bibliography of Basic Readings. Exchange Bibliography No. 168.

Council of Planning Librarians, Monticello, Ill.

MF AVAILABLE IN VT-ERIC SET.

Council of Planning Librarians, P.O. Box 229, Monticello, Illinois 61856 (\$1.50).

PUB DATE - Jan 71 11p.

DESCRIPTORS - *BIBLIOGRAPHIES; *HEALTH SERVICES; *PROGRAM PLANNING; PROGRAM COSTS; PROGRAM DEVELOPMENT; PROGRAM ADMINISTRATION; HEALTH FACILITIES; REGIONAL PROGRAMS

ABSTRACT - The 132 entries on health planning, with publication dates ranging from 1953 to 1970, are organized alphabetically by author under these categories: (1) Books, (2) Reports and Professional Publications, (3) Journal Articles, and (4) Bibliographies. Included in the citations are the title, publication information for books, and journal source, volume, and pagination. (SB)

VT 012 874 ED 048 506

Andreyka, Robert E.

A Survey and Analysis of the Educational Tasks of Ohio's Post High School Technical Instructors: Implications for Teacher Education.

DOCUMENT NOT AVAILABLE FROM EDRS.

University Microfilms, Inc., P.O. Box 1764, Ann Arbor, Michigan 48106 (order no. 70-16531, MF \$4.00, Xerography \$10.00).

PUB DATE - 69 262p.

DESCRIPTORS - *TECHNICAL EDUCATION; STATE SURVEYS; TEACHER RESPONSIBILITY; *TEACHER ATTITUDES; EDUCATIONAL NEEDS; *TEACHER EDUCATION; *POST SECONDARY EDUCATION; TEACHER BACKGROUND; *TASK ANALYSIS; VOCATIONAL EDUCATION TEACHERS

ABSTRACT - To determine technical

instructors' attitudes regarding their educational tasks, this study analyzed their backgrounds, as well as their perceptions of their tasks and needs. A questionnaire mailed to 530 postsecondary technical instructors in Ohio resulted in nearly 400 usable responses. The respondents were classified by technology groups, and the results were compared for differences. Statistical analysis of the responses of the full-time instructors, who were found to identify the significant tasks more accurately than part-time instructors showed several areas of competence important for technical teaching. These results affect program planning for technical teacher education. This Ph.D. dissertation was submitted to Kent State University. (BH)

VT 012 878 ED 048 507

Rosen, Doris B.
Employment Testing And Minority Groups, As Reported in the Literature. Key Issues Series -No. 6.

State Univ. of New York, Ithaca. School of Industrial and Labor Relations at Cornell Univ.

EDRS PRICE MF-\$0.65 HC-\$3.29
Public Information Center, School of Industrial and Labor Relations, Cornell University, Ithaca, New York 14850 (\$2.00, Checks made payable to N.Y.S. School of Industrial and Labor Relations)
PUB DATE - Jun70 35p.

DESCRIPTORS - *MINORITY GROUPS; EMPLOYMENT PROBLEMS; *CULTURE FREE TESTS; *TEST INTERPRETATION; *TESTING PROBLEMS; *TEST BIAS; TEST VALIDITY; TEST RELIABILITY; TASK PERFORMANCE; EQUAL OPPORTUNITIES (JOBS)

ABSTRACT - This report reviews the employment testing of minorities and discusses the limitations of the test results. Statistical validation of test results is stressed as a means to avoid cultural bias and avoid discriminatory screening tests. Noting that fair hiring practices and valid tests may not be enough to provide equal employment opportunities for blacks, the report concludes that educational programs must provide the upgrading necessary for skilled employment. (EH)

VT 012 880 ED 048 508

Cooperative Occupational Education Programs-- A Conference Seminar To Extend The Range of Vocational Education. Final Report.

City Univ. of New York, N.Y. Cooperative Vocational Education Inst.
Office of Education (DHEW), Washington, D.C.
Bureau of Research

EDRS PRICE MF-\$0.65 HC-\$6.58
OEG-0-9-420344-3750 52
BR-9-0344

PUB DATE - Dec70 152p.

DESCRIPTORS - *COOPERATIVE EDUCATION; *VOCATIONAL EDUCATION; *PROGRAM DEVELOPMENT; EDUCATIONAL NEEDS; *EDUCATIONAL CHANGE; *EVALUATION; *PROGRAM GUIDES; INSTRUCTOR COORDINATORS

ABSTRACT - This guide explains the basic concepts in cooperative education and describes the essential characteristics of effective program development and operation. The guide is the final report of a three-phase institute which developed, implemented, and evaluated plans for new directions in cooperative education. As a result of this investigation, the report provides guidelines and procedures for redirecting cooperative education. Nine papers presented by participants are appended. (BH)

VT 012 884 ED 048 509

Regional Medical Programs National Allied Health Conference (Warrenton, Va., April 26-29, 1970).

Health Services and Mental Health Administration (DHEW), Bethesda, Md. Regional Medical Programs Service.
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Jan71 167p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; HEALTH OCCUPATIONS; *CONFERENCE REPORTS; COMMUNITY HEALTH SERVICES; *INTERPROFESSIONAL RELATIONSHIP; *HEALTH PROGRAMS; *REGIONAL PROGRAMS; PROFESSIONAL SERVICES; JOB DEVELOPMENT; RESEARCH NEEDS; COMMUNICATION (THOUGHT TRANSFER); COMMUNITY RESOURCES; COMMUNITY ROLE

ABSTRACT - A total of 174 representatives of 14 health professions from 54 Regional Medical Programs attended a 4-day conference to discuss means by which allied health professions can make a maximum contribution to the health service system through Regional Medical Programs. Conference activities included two panel presentations, reports of 10 task forces and five special interest groups, and these major presentations: (1) "Changing Perspectives in the Delivery of Health Care" by Ray E. Brown, (2) "The National Health Scene" by Irving J. Lewis, and (3) "Potential for Regional Medical Programs as Viewed by the Regional Director" by Harold Margulies. Texts of the major speeches and summaries and recommendations from conference activities are provided. (SB)

VT 012 887 ED 050 259

Annual Report of the Commission on Manpower and Full Employment.

Hawaii State Commission on Manpower and Free Employment, Honolulu.

EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Jan71 143p.

DESCRIPTORS - *MANPOWER DEVELOPMENT; *STATE PROGRAMS; *PROGRAM DESCRIPTIONS; *UNEMPLOYED; *PROGRAM PLANNING; PROGRAM EVALUATION; EMPLOYMENT PROBLEMS; LABOR MARKET IDENTIFIERS - HAWAII; COOPERATIVE AREA MANPOWER PLANNING SYSTEMS; CAMPS

ABSTRACT - This first annual report inventories the major state manpower programs during the past year and discusses the objectives of comprehensive manpower

planning, with emphasis on a series of legislative and administrative recommendations. The contributions of various manpower systems are discussed, including the Cooperative Area Manpower Planning System and the Immigration Service Center. Detailed descriptions of selected program activities are appended. (BH)

VT 012 888

National Apprenticeship Policy for Ophthalmic Finisher-Dispenser.

Manpower Administration (DOL), Washington, D.C. Bureau of Apprenticeship and Training.
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 29p.

DESCRIPTORS - *APPRENTICESHIPS;
*OPHTHALMOLOGY; *CRAFTSMEN; PROGRAM GUIDES;
SKILLED OCCUPATIONS
IDENTIFIERS - *OPTICIANS

ABSTRACT - This program guide provides the fundamentals needed to establish local apprenticeship programs in the optical industry for the training of ophthalmic finisher-dispensers. Included are hours, wages, supervision, responsibilities, evaluation, related instruction, certification, safety regulations, and work experience schedules. Sample apprenticeship agreement and certification forms are appended. (BH)

VT 012 889

Minutes, Annual Meeting (Washington, D.C., April 22-24, 1970).

President's Committee on Employment of the Handicapped, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 49p.

DESCRIPTORS - *MEETINGS; *MENTALLY HANDICAPPED; *PHYSICALLY HANDICAPPED;
*VOCATIONAL REHABILITATION; CHANGING ATTITUDES; DISCUSSION PROGRAMS; SHELTERED WORKSHOPS; CONFERENCE REPORTS; *NATIONAL ORGANIZATIONS

ABSTRACT - The handicapped were well represented at this annual meeting of the President's Committee on Employment of the Handicapped. Chairman Harold Russell's opening remarks emphasized the challenge of maintaining the quality of life for everyone, after which Vice-President Agnew presented Danny Scholl with the Handicapped American of the Year award. The following two sessions involved panel and round table discussions of sheltered workshops, adaptation of the job to the person, and attitudes toward the handicapped. (BH)

VT 012 890

Conference Report: Trade and Industrial Education Curriculum Materials (Atlanta, Ga., July 1-2, 1968).

Curriculum Lab.

Office of Education (DHEW), Washington, D.C. Bureau of Adult, Vocational and Library Programs.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 68 21p.

DESCRIPTORS - *CONFERENCE REPORTS;
*ADMINISTRATIVE PERSONNEL; CURRICULUM DEVELOPMENT; EDUCATIONAL DEVELOPMENT;
*INSTRUCTIONAL MATERIALS; STUDY GUIDES;
PROGRAMED MATERIALS; *TRADE AND INDUSTRIAL EDUCATION; *GROUP DISCUSSION

ABSTRACT - Nineteen representatives attended the 2-day conference to discuss methods for states in Region IV to cooperate in developing curriculum materials. The agenda, determined at the meeting, included discussion on the following topics: (1) instructional materials that have been developed by the states in Region IV and presently available, (2) instructional materials now being developed, (3) instructional materials needed, (4) problems connected with curriculum development, and (5) future meetings and activities of the group. Included are lists of materials available from several of the represented states. (GEB)

VT 012 891

Putnam, John F., Comp.;

Chismore, W. Dale, Comp.

Standard Terminology For Curriculum and

Instruction In Local and State School

Systems. State Educational Records and Report Series: Handbook VI.

National Center for Educational Statistics (DHEW/OE), Washington, D.C.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

OE-23052

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

(HE5.223:23052, \$3.00).

PUB DATE - 70 332p.

DESCRIPTORS - *CURRICULUM; *VOCABULARY;
*REFERENCE BOOKS; *DEFINITIONS; EDUCATIONAL IMPROVEMENT; *LANGUAGE STANDARDIZATION;
STANDARD SPOKEN USAGE

ABSTRACT - Meaningful evaluation of education requires that information reported by different school systems, states, and regions be comparable. The terminology definitions, and classifications of items in this handbook are intended to provide this needed standardization. The handbook identifies and defines or describes those items of information about curriculum and instruction which should be available on a comparable basis throughout the United States. Items are classified by a graduated numbering system under general headings of: (1) a school system, (2) a school, (3) a program of studies, (4) a self-contained class, course, or co-curricular activity, and (5) a section or instructional service activity. (BH)

VT 012 894

McClay, David R.
Agricultural Education: Some Concerns and Comforts.

American Vocational Association, Washington, D.C. Association of Teacher Educators in Agriculture.

MF AVAILABLE IN VT-ERIC SET.

Interstate Printers and Publishers, Inc., Danville, Illinois 61832.

PUB DATE - 70 13p. Presented at the American Vocational Association Convention (New Orleans, 1970).

DESCRIPTORS - *VOCATIONAL EDUCATION;
*AGRICULTURAL EDUCATION; *TEACHER EDUCATORS;
*EDUCATIONAL PHILOSOPHY; *CURRENT EVENTS;
SPEECHES; EDUCATIONAL PROGRAMS; EDUCATIONAL PROBLEMS
IDENTIFIERS - *AATEA

ABSTRACT - Some current issues and recent events in agricultural education produce concern as well as comfort to agricultural educators. Too many parents believe that vocational education is designed for someone else's children. To provide programs that open doors of opportunity for youth rather than close them, educational leaders must build curriculums that are academic and vocational in nature. Exploratory agricultural experiences in elementary grades must be promoted. Allocation of limited money resources causes concern for agricultural programs because research necessary to justify these programs is lacking. However, agricultural leaders are making progress in convincing people that agriculture is more than farming, and the many programs that provide unlimited opportunities in agriculture other than farming are encouraging. These emerging agricultural courses demand more agricultural teachers. It is also encouraging to note that agricultural teachers are being chosen as leaders in conservation programs which are being established in secondary schools. (GB)

VT 012 898 ED 048 511

Mather, William G. III, and Others
Man, His Job, and the Environment: A Review and Annotated Bibliography of Selected Recent Research on Human Performance.

National Bureau of Standards (DOC), Washington, D.C. Technical Analysis Div. Bureau of Research and Engineering (Post Office Dept.), Washington, D.C. Human Factors Group

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

NBS-Spec-Pub-319,

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (C13.10:319. \$1.00)

PUB DATE - Oct 70 104p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES;
*PERFORMANCE; *FATIGUE (BIOLOGY); PHYSICAL ENVIRONMENT; HUMAN ENGINEERING; *PHYSICAL FITNESS; PHYSICAL CHARACTERISTICS; BIOLOGY; PHYSIOLOGY; *STRESS VARIABLES; *HOPHYSIOLOGY

ABSTRACT - Recent scientific literature was searched to review procedures currently being used to study human reactions to work and environmental stress. An ecological context is followed, considering task variables, environmental conditions, individual variations in subjects, and physiological, psychophysical, psychological, and sociological responses. The different types of research reviewed included analysis of on-the-job performance, simulations of real-life situations, laboratory experiments with human and nonhuman subjects, and clinical studies. A methodological program is suggested for measuring the expenditure of effort in work situations. (not recommended for hard copy due to marginal legibility of original document.) (BH)

VT 012 904 ED 049 379

Kruger, John Mott
Interaction Patterns of Industrial Arts Teachers in Laboratory Type Situations at the Junior High School Level.

DOCUMENT NOT AVAILABLE FROM EDRS.

University Microfilms, Inc., P.O. Box 1764, Ann Arbor, Michigan 48106 (order no. 71-20723, MF-\$4.00, Xerography-\$10.00).
PUB DATE - 71 161p. Ed.D. Dissertation, University of Northern Colorado.

DESCRIPTORS - *INTERACTION PROCESS ANALYSIS;
*JUNIOR HIGH SCHOOLS; SECONDARY SCHOOL TEACHERS; *INDUSTRIAL ARTS; *CLASSROOM OBSERVATION TECHNIQUES; LABORATORY PROCEDURES; EDUCATIONAL METHODS; INTERACTION; *DOCTORAL THESES

ABSTRACT - The Industrial Arts Interaction Analysis System was used to study teacher-student behavior in junior high school industrial arts classes. Twenty industrial arts teachers were observed on three different occasions and the interaction between the teacher and students was recorded by two independent observers. The findings indicated that there was a pattern of interaction, that during administrative duties, demonstration, and lecture the teachers did nearly all of the talking, and that the Industrial Arts Situation Analysis System was capable of providing data concerning seven items in this junior high school industrial arts situation. It was concluded that the teachers need to know how to use their time more effectively, student response should be encouraged, and that an important nonverbal link exists between the teacher and class members. One recommendation was that industrial arts teacher education institutions should prepare future teachers to use their time more effectively. (GEB)

VT 012 908

The Law Against Age Discrimination in Employment.

Workplace Standards Administration (DOL), Washington, D.C. Wage and Hour Div.
MF AVAILABLE IN VT-ERIC SET.
WH-PUB-1303

PUB DATE - Sep70 9p.

DESCRIPTORS - *MIDDLE AGED; AGE DIFFERENCES; EMPLOYMENT PROBLEMS; SOCIAL DISCRIMINATION; *EMPLOYMENT PRACTICES; *EMPLOYMENT QUALIFICATIONS; *EQUAL OPPORTUNITIES (JOBS); *FEDERAL LAWS; LAW ENFORCEMENT; PRODUCTIVITY; CIVIL RIGHTS LEGISLATION
IDENTIFIERS - *AGE DISCRIMINATION IN EMPLOYMENT ACT; ADEA

ABSTRACT - The Age Discrimination in Employment Act protects persons 40-65 years of age from discrimination in hiring, discharge, leave, pay, promotions, and other areas of employment. This booklet describes the coverage and exemptions of the act with regard to employers, employment agencies, and labor unions. Several specific cases handled under the act are described, and misconceptions about older workers' productivity are explained. The report points out that older workers change jobs less often and have better attendance records than younger workers. (BH)

VT 012 910 ED 048 512

Law, Gordon P., Comp;
Schaefer, Carl J., Comp.
Vocational-Technical Terminology.

American Vocational Association, Washington, D.C. Committee on Publications.
EDRS PRICE MF-\$0.65 HC-\$3.29
Publication Sales, American Vocational Assoc., 1510 H Street, N.W., Washington, D.C. 20005 (Single Copies, \$2.00)
PUB DATE - Mar71 80p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *DEFINITIONS; VOCABULARY

ABSTRACT - This booklet was prepared by the American Vocational Association to meet the need for a common set of acceptable definitions for terminology used in vocational, technical, and practical arts education throughout the U.S. Included are approximately 269 definitions which were reviewed by professionals from all fields of vocational, technical, and practical arts education and evaluated by U.S. Office of Education representatives. (SR)

VT 012 913

Feasibility Study of Career Ladder Curriculum and Guidance and Counseling.

California State Advisory Council on Vocational Education and Technical Training, Sacramento.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - Jan71 24p.

DESCRIPTORS - *CAREER OPPORTUNITIES; CURRICULUM PLANNING; *CURRICULUM DESIGN; GUIDANCE COUNSELING; *FEASIBILITY STUDIES; MODELS; *GUIDANCE SERVICES; ELEMENTARY EDUCATION; SECONDARY EDUCATION; POST SECONDARY EDUCATION; PLACEMENT; *CAREER IDENTIFIERS - *OCCUPATIONAL EXPLORATION

ABSTRACT - Discussions with council members, a review of relevant documents, contacts with legislative personnel, and interviews with vocational personnel in the California State Department of Education were the sources of information used to determine the feasibility of a "career ladder" curriculum. It was concluded that the career preparation of all people must be developed on a broad basis, that vocational education must be introduced at the kindergarten level and carried through the community college level, and that the career ladder concept may be the most desirable curriculum to achieve these results. Recommendations are that steps be taken to implement this program and to provide funds and a plan for the training of counselors to meet the needs of this program. (GEB)

VT 012 914

Hird, H. Richard; Lagace, Michel D.
Summer Employment of Ontario Secondary School Students, 1969.

Ontario Dept. of Labour, Toronto. Research Branch.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - Feb71 62p.

DESCRIPTORS - *STUDENT EMPLOYMENT; *SECONDARY SCHOOL STUDENTS; *EMPLOYMENT OPPORTUNITIES; QUESTIONNAIRES; *EMPLOYMENT PATTERNS
IDENTIFIERS - *SUMMER EMPLOYMENT

ABSTRACT - The Ontario Department of Labour in cooperation with the Ontario Department of Education surveyed 43,713 students in Grades 10, 11, 12 and 13 to determine the problems of secondary school students in obtaining summer jobs. Of the total surveys sent, 35,349 (80.9 percent) were returned suitable for use. Fifty-five schools were selected for sample population, representing 10 percent of the secondary schools in the province, stratified by 10 administrative regions and four population categories. General findings include: (1) The overall unemployment in the province was 3.9 percent, while that of teenagers in general was 9.4 percent, (2) Of the 78.6 percent of secondary students who looked for employment, 20 percent remained unemployed, (3) 84.2 percent of male students who sought employment were employed compared to 73.7 percent of the female students, (4) Personal or family contacts were the means for 45.2 percent locating jobs, and (5) The average employed male student earned \$398 and the average female student \$221 during the summer. Data are presented in 22 tables and a copy of the questionnaire and 24 supplemental tables are included in the appendix. (RR)

VT 012 925 ED 049 380

Major Programs 1970 Bureau of Labor Statistics.

Bureau of Labor Statistics (DOI), Washington, D.C.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.
PUB DATE - 70 51p.

DESCRIPTORS - *LABOR ECONOMICS; *INDUSTRIAL RELATIONS; *EMPLOYMENT STATISTICS; ECONOMIC PROGRESS; PRODUCTIVITY; *LABOR MARKET; LIVING STANDARDS; *GOVERNMENT PUBLICATIONS; FEDERAL GOVERNMENT; OCCUPATIONAL SURVEYS; FOREIGN COUNTRIES; LABOR FORCE

ABSTRACT - This report provides an overview of the data available from the Bureau of Labor Statistics. Major Bureau activities are summarized in five subject groupings: (1) employment, (2) living conditions, (3) industrial relations, (4) economic growth, and (5) foreign labor research. The tabular format describes available data, coverage, sources, reference period, publications available, and usefulness of data. Listings of available data by state and area are appended. (Not available in hardcopy due to marginal legibility of print size in original document.) (SH)

VT 012 939 ED 050 263
Jelinek, Richard C. And Others
SUM (Service Unit Management): An Organizational Approach to Improved Patient Care.

Kellogg (W.K.) Foundation, Battle Creek, Mich.

EDRS PRICE MF-\$0.65 HC-\$6.58

PUB DATE - Feb71 113p.

DESCRIPTORS - *HEALTH SERVICES; *HOSPITALS; *DIFFERENTIATED STAFFS; *MANAGEMENT SYSTEMS; *ADMINISTRATION; PERSONNEL EVALUATION; COST EFFECTIVENESS; UNIT COSTS; STAFF UTILIZATION; ANNOTATED BIBLIOGRAPHIES; SUBPROFESSIONALS
IDENTIFIERS - *SERVICE UNIT MANAGEMENT; SUM; NONNURSING TASKS

ABSTRACT - To evaluate the effectiveness of Service Unit Management (SUM) in reducing costs, improving quality of care, saving professional nursing time, increasing personnel satisfaction, and setting a stage for further improvements, a national questionnaire survey identified the characteristics of SUM units, and compared the performance of a total of 55 units with and without SUM. Data collected from each unit included personnel costs, quality of care, patient work load, personnel satisfaction, organizational tension and management style, personnel acceptance of SUM, assignment of responsibility, and type of SUM organization. Evaluation by a multi-disciplinary research team, representing the disciplines of industrial engineering, organizational science, and social psychology, revealed that in general SUM was serving the purposes claimed. In addition, the activities which characterize a unit management program were grouped as logistic and clerical, patient support, and administrative activities. Other findings are provided for the focus of SUM, organizational structure, unit manager qualifications, and the change process. An activities list and additional readings are appended, and an annotated bibliography of current literature is included. (SB)

VT 012 941 ED 048 513
Projected Activities for Fifth Funding Period and Annual Report. July 1, 1970 to January 31, 1971.

North Carolina State Univ., Raleigh. Center for Occupational Education.
National Center for Educational Research and Development (DHEW/OE), Washington, D.C. Div. of Comprehensive and Vocational Education
EDRS PRICE MF-\$0.65 HC-\$3.29
OEG-2-7-070348-269H 24
BR-7-0348

PUB DATE - 70 55p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *ANNUAL REPORTS; *PROGRAM DEVELOPMENT; *RESEARCH PROJECTS; *RESEARCH AND DEVELOPMENT CENTERS; PROGRAM PLANNING; POST SECONDARY EDUCATION; RURAL SCHOOLS; PROGRAM IMPROVEMENT; MODELS; PROGRAM EVALUATION; EDUCATIONAL OBJECTIVES
IDENTIFIERS - CENTER FOR OCCUPATIONAL EDUCATION

ABSTRACT - This document summarizes and describes the projected activities for the fifth funding period of the Center for Occupational Education. Specific projects and activities are directed toward achieving the following goals: (1) the development and implementation of comprehensive programs of occupational education in postsecondary institutions of the nation, (2) the development and implementation of programs of occupational education for persons in the formative years, (3) the improvement of programs of occupational education in the rural schools of the nation, and (4) the development and implementation of models and systems for evaluating programs of occupational education. A related document is available as VT 012 953 (also in this issue). (Author/JS)

VT 012 942 ED 049 381
Hughes, James J.
Cost-Benefit Aspects Of Manpower Retraining. Manpower Papers No. 2.

Department of Employment and Productivity, London (England).
DOCUMENT NOT AVAILABLE FROM EDRS.
Her Majesty's Stationery Office, 49 High Holborn, London WC1, England (\$78)
PUB DATE - 70 49p.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; *COST EFFECTIVENESS; *LABOR ECONOMICS; *RESOURCE ALLOCATIONS; ECONOMIC RESEARCH; ECONOMIC CLIMATE; PROGRAM EVALUATION; FOREIGN COUNTRIES; EMPLOYMENT LEVEL; MANPOWER NEEDS
IDENTIFIERS - *MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

ABSTRACT - This report reviews the literature on cost-benefit analysis of retraining and discusses possible approaches to conducting such an analysis. Exemplary programs in Sweden and the United States are described. Despite the existence of externalities which preclude exact calculation of costs and benefits, the report concludes that retraining is desirable, since even the less

favorable results show that the programs are worthwhile. Programs with greater flexibility in responding to labor market conditions are recommended. (BH)

VT 012 951 ED 050 264
Vocational Education: Innovations
Revolutionize Career Training. Education
U.S.A. Special Report.

National School Public Relations Association,
Washington, D.C.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM
EDRS.

National School Public Relations Assn., 1201
16th Street, N.W., Washington, D.C. 20036
(no. 411-12780, \$4.00).
PUB DATE - 71 67p.

DESCRIPTORS - *VOCATIONAL EDUCATION; REPORTS;
*SCHOOL PERSONNEL; MANPOWER DEVELOPMENT;
*EDUCATIONAL OPPORTUNITIES; *CAREER
OPPORTUNITIES; EDUCATIONAL INNOVATION;
*EDUCATIONAL PROGRAMS; GUIDANCE SERVICES;
EDUCATIONAL TRENDS; PROJECTS; EXPENDITURES;
OCCUPATIONAL INFORMATION
IDENTIFIERS - VOCATIONAL EDUCATION ACT OF
1963; VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - This report was written to inform the educational community of new developments in the area of vocational education. The national concern for vocational education programs and the Vocational Education Acts of 1963 and 1968 as turning points are discussed. The concept of occupational education for all ages, action at the state level, and trends in the curriculum point out specific developments. The guidance and counseling services, and the accreditation, teacher education, and certification problems are outlined. Exemplary projects are classified as: (1) career development programs, (2) career guidance and counseling, (3) inner-city projects, (4) rural-oriented projects, (5) cooperative education programs, and (6) projects for disadvantaged youths. Authorizations and appropriations for various sections of the amendments are listed. (GEB)

VT 012 953 ED 048 515
The Continuation of the Center For Research,
Development and Training In Occupational
Education. Quarterly Report. 1 May 1969 To 31
July 1969.

North Carolina State Univ., Raleigh. Center
For Occupational Education.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$3.29
OEG-7-070348-2698 24
BR-7-0348
PUB DATE - 69 32p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
*RESEARCH AND DEVELOPMENT CENTERS; *PROGRAM
EVALUATION; *REPORTS; *RESEARCH PROJECTS;
PROGRAM PLANNING; PROGRAM BUDGETING; PROGRAM
DEVELOPMENT; ADULT BASIC EDUCATION; MODELS;
PROGRAM IMPROVEMENT; EDUCATIONAL OBJECTIVES
IDENTIFIERS - CENTER FOR OCCUPATIONAL
EDUCATION

ABSTRACT - One of the major highlights of the last quarter was the review of the Center for Occupational Education by a review and evaluation panel from the Bureau of Research, U.S. Office of Education. This in-depth evaluation centered around the various projects and activities as identified by the Center's goals. Thus, these activities were primarily concerned with (1) increasing the accessibility of occupational education to the individual, (2) the effect of adult basic education on occupational adjustment and acculturation of low literate adults, (3) the development of postsecondary occupational education in the South. Other projects and activities included the application of a program planning and budgeting system to an educational research and development center and the development of a model exemplary program in occupational education for the middle grades. A related document is available as VT 012 941. (Also in this issue). (Author/JS)

VT 012 955 ED 049 383
Haynes, Suzanne Groweg
The Role of Texas' Secondary Schools in the
Preparation of Youth for Employment.

Texas Univ., Austin. Center for the Study of
Human Resources.
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - ND 127p.

DESCRIPTORS - *SECONDARY EDUCATION; *STATE
PROGRAMS; *VOCATIONAL EDUCATION; *PROGRAM
EFFECTIVENESS; *EDUCATIONAL NEEDS; PROGRAM
EVALUATION; MANPOWER NEEDS; RELEVANCE
(EDUCATION); EDUCATIONAL PLANNING; VOCATIONAL
FOLLOWUP; JOB PLACEMENT

ABSTRACT - This analysis of secondary vocational education in Texas considers enrollments, teacher units, expenditures, and placement, and their relationship with the State's changing occupational needs. The data came from the Texas Education Agency, the Texas Employment Commission, and various other public and private agencies. The small enrollment in vocational programs limits the system's success in meeting manpower needs. This problem is aggravated by a lack of relevancy of training for employment. Analysis of current and projected employment shows that the system has failed to adapt to a changing labor market. The report concludes that the Texas vocational system is inflexible, traditional, and behind the times. New and innovative courses will be necessary to make education meaningful and relevant. Recommendations included hiring a team of labor market consultants to evaluate present labor trends in Texas, removing home economics from the vocational curriculum, and setting up more new and innovative programs. (BH)

VT 012 958 ED 049 384
Zeller, Frederick A.; Miller, Robert W.
Strengthening Labor's Role in the War on
Poverty. Labor Leadership Training for
Community Action in Appalachia.

West Virginia Univ., Morgantown. West Virginia. Center for Appalachian Studies and Development.

Office of Economic Opportunity, Washington, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

REP-SEP-1

PUB DATE - ND 92p.

DESCRIPTORS - *MANPOWER UTILIZATION; *ACTION PROGRAMS (COMMUNITY); *POVERTY PROGRAMS; *LEADERSHIP TRAINING; TRAINEES; *PROGRAM EVALUATION; CASE STUDIES; PROJECT TRAINING METHODS

IDENTIFIERS - *APPALACHIA

ABSTRACT - This report describes the training provided by West Virginia University in cooperation with the AFL-CIO Appalachian Council, of 114 union leaders in the Appalachian Region for work in community action. Some objectives of the training periods, divided into four 1-week sessions, were to help the leaders organize low-income groups for effective self-help activities, to build support for the anti-poverty program within the ranks of labor, to get the trainees thoroughly committed to community action, and to help them realize the importance and relevance of their own roles. The project had a positive impact on improving the attitudes of labor members toward the people in Appalachia, it helped bring out the leader qualities in the trainees, and it strengthened many efforts toward erasing the poverty conditions. It was recommended that this type of program be considered in other areas of the country. (GEB)

VT 012 961 ED 048 516

Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970.

Ohio State Univ., Columbus. Center for Vocational and Technical Education. Office of Education (DHEW), Washington, D.C. EDRS PRICE MF-\$0.65 HC-\$9.87 Clearinghouse for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (quarterly-- Fall, Winter, Spring, Summer, \$11.00 per year)

PUB DATE - 71 236p.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *INFORMATION DISSEMINATION; INDEXES (LOCATERS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; CLEARINGHOUSES; RESEARCH MATERIALS

ABSTRACT - This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, scholars, and others who have an interest in vocational and technical education. The

abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Historical Studies, (6) Individuals with Special Needs, (7) Philosophy and Objectives, (8) Research Design, Development and Utilization, (9) Students, Occupational Guidance and Other Student Personnel Services, (10) Teachers and Teacher Education, (11) Teaching and Learning, and (12) Other Resources. Indexes provide the approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC Document Reproduction Service, (3) vocational and supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 012 962, also in this issue). (CD)

VT 012 962 ED 049 385

Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970.

Ohio State Univ., Columbus. Center for Vocational and Technical Education. Office of Education (DHEW), Washington, D.C. EDRS PRICE MF-\$87.10 HC NOT AVAILABLE FROM EDRS.

PUB DATE - 71 11,413p.

DESCRIPTORS - *INDEXES (LOCATERS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS; *ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION

ABSTRACT - Documents announced with VT numbers only in the Winter 1970 issue (VT 012 961) of "Abstracts of Research and Related Materials in Vocational and Technical Education" (ARM) are included in this microfiche set. Microfiche availability for these documents is shown on the ARM resume as MF AVAILABLE IN VT-ERIC SET. The microfiche set is arranged in the following sequence: (1) a Vocational Technical (VT) number index to documents in the microfiche collection, (2) the author index, the vocational and supporting services index, and the subject index from ARM, and (3) the full text of documents listed in the VT number index. The texts are filmed continuously in VT number sequence. The related document (VT 012 961) also appears in this issue. (CD)

VT 012 963 ED 049 386

Byram, Harold M.

A Five-State Try-Out and Demonstration Program to Determine the Generalizability of an Evaluation System for Local Programs of Vocational and Technical Education. Final Report.

Michigan State Univ., East Lansing. Coll. of Education. National Center for Educational Research and

Development (DHEW/OE), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$6.58
OEG-0-8-070968-2829 08
BR-7-0968
PUB DATE - Feb 71 133p.

DESCRIPTORS - *VOCATIONAL EDUCATION;
DEMONSTRATION PROGRAMS; COMPARATIVE ANALYSIS;
*PROGRAM EVALUATION; *GENERALIZATION;
*EVALUATION TECHNIQUES; SCHOOL DISTRICTS;
STATE OFFICIALS; *PILOT PROJECTS; WORKSHOPS;
TECHNICAL EDUCATION

ABSTRACT - In a proposed five-state demonstration, the four states of Arkansas, Minnesota, Mississippi and Nevada implemented a local system of directing evaluations of vocational/technical education programs in public schools. The emphasis was on both the training of local leaders by state leaders and direction of evaluation programs by local leaders. Using the results of two previous projects, this particular project generalizes the findings to other states. The methods used to acquire and disseminate information were workshops, project reporting meetings, final report and project evaluation meetings, and on-site visits. The results of the project indicate that most of the evaluation procedures are applicable to other states, that some additional procedures were developed by individual states, and that program evaluation competencies were developed in the personnel involved in the project. It was recommended that states meeting the criteria for selection of states used in this study try out the systems. Further study and a nationwide training program were also recommended. (GEB)

VT 012 964 ED 049 387
Berryman, Doris L.
Development of Educational Programs for New Careers in Recreation Services for the Disabled.

New York Univ., N.Y. School of Education.
Office of Education (DHEW), Washington, D.C.
Bureau of Research.
EDRS PRICE MF-\$0.65 HC-\$6.58
OEG-0-8-070654-3689 (085) 08
BR-7-0654
PUB DATE - Mar 71 140p.

DESCRIPTORS - *RECREATIONAL PROGRAMS;
*CAREERS; *PHYSICALLY HANDICAPPED; *MANPOWER
DEVELOPMENT; *EDUCATIONAL PROGRAMS; CAREER
PLANNING; QUESTIONNAIRES; EVALUATION;
COMPARATIVE ANALYSIS; JOB ANALYSIS

ABSTRACT - Paraprofessional recreation personnel in hospitals, extended care centers, homes for the aged, and recreation departments were surveyed to define their roles and functions. Visits to 28 job analysis sites helped to identify a total of 79 job tasks and functions. A working model for a career lattice in recreation, and suggested content for a training program were some of the results of a 2-day conference of recreation educators, consultants, experienced practitioners, and recreation assistants. In the resulting training program, two groups of trainees were used to

test a field teaching approach which was evaluated by pre- and posttesting. The results indicated that the training program was effective, and that many participants were stimulated to consider careers in recreation. One recommendation was that the training program should be revised and refined. (GEB)

VT 012 966 ED 050 265
A Workshop for Allied Health Teaching Personnel in Developing Behaviorally-Oriented Learning Materials. Final Report, August 8, 1970-June 30, 1971.

Southern Illinois Univ., Carbondale.
Illinois State Board of Vocational Education and Rehabilitation, Springfield. Vocational and Technical Education Div.
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - 71 137p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION;
*INSERVICE TEACHER EDUCATION; *BEHAVIORAL
OBJECTIVES; *CONFERENCE REPORTS; WORKSHOPS;
LEARNING ACTIVITIES; *MATERIAL DEVELOPMENT;
INSTRUCTIONAL MATERIALS

ABSTRACT - A total of 94 teachers and administrators from 12 health related occupations attended four 2-day workshops held in Chicago, DeKalb, Springfield, and Carbondale, Illinois, which were designed to provide inservice allied health teaching personnel with information, instruction, and assistance in developing behaviorally-oriented learning materials for use in the classroom and laboratory situation. Workshop activities included analyzing selected health-related occupations, planning and writing behavioral objectives, preparing learning experiences from behavioral objectives, and modifying non-behavioral learning materials to behaviorally-oriented learning materials. Qualitative evaluation techniques were used to evaluate the performance of the workshop participants, and analysis revealed that the majority equalled or exceeded the level of acceptable performance. The general consensus of workshop staff and participants was that the objectives had been attained and that future activities should be planned. The participants expressed a need for further assistance in developing behaviorally-oriented courses of study and receiving guided assistance in implementing behavioral course materials. Several workshop materials are appended. (SB)

VT 012 968
Manpower Report of the President, Including a Report on Manpower Requirements, Resources, Utilization and Training.

Department of Labor, Washington, D.C.
DOCUMENT NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government
Printing Office, Washington, D.C. 20402
(H.L. 42/2:971, \$2.50).
PUB DATE - Apr 71 328p.

DESCRIPTORS - *MANPOWER DEVELOPMENT;

*MANPOWER NEEDS; *MANPOWER UTILIZATION; LABOR MARKET; LABOR PROBLEMS; RURAL AREAS; URBAN AREAS; GOVERNMENT ROLE; UNEMPLOYMENT; STATISTICAL DATA; TRAINING; EXPENDITURES; *FEDERAL PROGRAMS; MINORITY GROUPS

ABSTRACT - This ninth Manpower Report of the President contains an overview of the 1970 employment and unemployment record, new developments in Manpower programs, urban and rural labor market problems, and government expenditures and manpower requirements. Policies adapted by the administration have ended the output decline and indications are that employment and economic activity will increase. Considerable progress was made toward providing employment opportunities for all minority groups in 1970 and the proposed manpower revenue sharing act of 1971, contained in this report, indicates additional efforts in this direction. Extensive statistical data regarding the manpower developments in 1970 are appended. (GEB)

VT 012 969 ED 049 389

Proceedings of the Training Institute for Rural Disadvantaged, August 17-21, 1970.

North Dakota State Board for Vocational Education, Bismarck.
South Dakota State Div. of Vocational-Technical Education, Pierre.
Minnesota State Div. of Vocational Technical Education, St. Paul.
Office of Education (DHEW), Washington, D.C.
Bureau of Educational Personnel Development
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - ND 131p.

DESCRIPTORS - *CULTURALLY DISADVANTAGED; *INSTITUTES (TRAINING PROGRAMS); *VOCATIONAL EDUCATION; *PROFESSIONAL PERSONNEL; COUNSELORS; TEACHING TECHNIQUES; GUIDANCE PROGRAMS; ADULT EDUCATION; COOPERATIVE EDUCATION; EVALUATION; SECONDARY EDUCATION; POST SECONDARY EDUCATION

ABSTRACT - One hundred and nineteen professional workers in vocational education, including administrators, counselors, and teachers, attended the training institute that was designed to better prepare them to meet the needs of the rural disadvantaged through secondary, postsecondary, and adult vocational programs. Presentations included: (1) "Techniques for Teaching the Disadvantaged" by Charles P. Nichols, Sr., (2) "Vocational Education for the Disadvantaged: What Has Been Done" by Charles H. Rogers, (3) "Group Guidance and Exploratory Instruction" by Donald Priebe, (4) "Group Guidance and Exploratory Instruction" by Odell T. Barduson, (5) "Adapting Adult Education to the Disadvantaged" by Edgar Persons and Gary Leske, (6) "Adapting Cooperative Vocational Education Programs to Meet the Needs of the Rural Disadvantaged" by Max L. Amberson, and (7) "Evaluating Programs for the Disadvantaged" by Paul Marvin and George Cops. The Institute was evaluated by the participants and a committee, with the results recorded in this document. A followup

study is to be made available at a later date. (GEB)

VT 012 975 ED 049 390

Vocational Education and the Area Schools. A Report to the State of Iowa Office of Planning and Programming.

Institute for Educational Development, New York, N.Y.
Department of Housing and Urban Development, Washington, D.C.
Iowa State Vocational Education Advisory Council, Des Moines.
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Aug 70 199p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *COMPARATIVE ANALYSIS; COMMUNITY COLLEGES; OCCUPATIONAL INFORMATION; CAREER PLANNING; INTERVIEWS; LABOR FORCE; *EDUCATIONAL STATUS COMPARISON; *EDUCATIONAL NEEDS; SCHOOL ORGANIZATION; POST SECONDARY EDUCATION; TECHNICAL EDUCATION; *AREA VOCATIONAL SCHOOLS

ABSTRACT - Interviews, involving approximately 275 individuals, were conducted to analyze vocational education and community colleges in the State of Iowa. In addition, a limited survey was made of career education programs in secondary schools. The findings indicate that the area schools are open to all Iowans of post-high school age, that the students tend to come from families of modest income and are dependent upon part-time work, scholarships, and loans, and that some career education programs should be phased out. Recommendations covered the six areas of students and student services, curriculums and programs, professional staff, administrative organization, physical facilities, and finance. Three of the 46 specific recommendations were: (1) The state should concentrate on recruiting individuals who could best profit from vocational and technical education, (2) An overall master plan for all of Iowa education should be developed, and (3) The community colleges should be administered under state guidelines developed specifically for them. (GEB)

VT 012 976 ED 050 266

Bridging the Gap, An Independent Case Study.

Institute for Educational Development, New York, N.Y.
American Telephone and Telegraph Co., New York, N.Y.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - May 70 67p.

DESCRIPTORS - *WORK ATTITUDES; INSTRUCTIONAL TRIPS; INSERVICE TEACHER EDUCATION; TEACHER WORKSHOPS; *OCCUPATIONAL GUIDANCE; *EMPLOYEE ATTITUDES; *STUDENT MOTIVATION; NONCOLLEGE PREPARATORY STUDENTS; DROPOUT PREVENTION; SCHOOL INDUSTRY RELATIONSHIP

ABSTRACT - American Telephone and Telegraph instigated this program to help students discover how their schooling relates to assuming the responsibilities of citizenship, useful careers, earning power and the

possibilities of work that satisfies. The four interrelated objectives are to: (1) help students who are underachievers, (2) break down barriers and bridge the communications gap between students, counselors, teachers, businessmen, and public officials, (3) improve the educational process, and (4) arrange for the cooperation of many businesses and public organizations. Five programs are available to accomplish these objectives: (1) 4-week counselor-teacher summer workshops, (2) 1-day teacher workshops at local businesses, (3) six half-day workshops for students, (4) all-year-long company resource programs, and (5) evening parent workshops. Guidelines for implementation and suggestions for conducting workshops are provided. Materials used for establishing and evaluating workshops which have been conducted are included in the appendix. (RH)

VT 012 983 ED 049 391
Jelden, David L., Ed.
Summaries of Studies in Industrial Arts, Trade and Industrial, and Technical Education for 1930- . Supplement.

American Council on Industrial Arts Teacher Education, Washington, D.C.
National Association of Industrial and Technical Education.
DOCUMENT NOT AVAILABLE FROM EDRS.
PUB DATE - ND 644p.

DESCRIPTORS - *INDUSTRIAL EDUCATION;
*ABSTRACTS; *DOCTORAL THESES; *FIELD STUDIES;
INDUSTRIAL ARTS; TRADE AND INDUSTRIAL
EDUCATION; TECHNICAL EDUCATION; REFERENCE
MATERIALS; EDUCATIONAL RESEARCH; *ANNOTATED
BIBLIOGRAPHIES

ABSTRACT - This compilation of abstracts of dissertations and staff studies, listed alphabetically by author in a loose leaf arrangement, is designed to provide the teacher, student, and administrator of industrial arts, trade and industrial education, and technical education programs a single source of information regarding the research done in the field from 1930 to the present. Each of the approximately 650 abstracts include: author, title, degree, date, and granting institution. Most of the abstracts list availability of the document, purpose of the study, sources of data, methods of study, and findings and conclusions. This document includes revised abstracts plus new ones, and is compiled as a supplement to the original document of 962 abstracts available as ED 037 583 or VT 010 768 (ARM Fall 1970). (GEB)

VT 012 984 ED 050 267
Directory of Approved Allied Medical Educational Programs, 1971.

American Medical Association, Chicago, Ill.
Council on Medical Education.
DOCUMENT NOT AVAILABLE FROM EDRS.
American Medical Association, Department of Allied Medical Professions and Services, 535 North Dearborn Street, Chicago, Illinois

60610.
PUB DATE - 71 308p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION;
TECHNICAL EDUCATION; SUBPROFESSIONALS;
*PARAMEDICAL OCCUPATIONS; *DIRECTORIES;
*EDUCATIONAL PROGRAMS; ADMISSION CRITERIA;
PROGRAM LENGTH; FINANCIAL SUPPORT; ASSOCIATE
DEGREES; CERTIFICATION

ABSTRACT - Intended as a reference for educators, students, and employers, this directory contains information about 2,498 allied medical educational programs, representing 14 occupations, which were approved as of July 15, 1970, by the Council on Medical Education of the American Medical Association (AMA) and 14 collaborating organizations. The programs are first presented in a consolidated listing which lists the institutions alphabetically by state and city and includes the sponsoring institution's address, the specific AMA-approved educational program(s), and, whenever possible, the name of the program director coordinator. In addition, the following information is presented for each of the 14 allied medical occupational categories: (1) a job description, (2) a discussion of the approval process and the minimum educational standards required for AMA approval, and (3) an alphabetical listing by state and city of approved educational programs, including sponsoring institution, program director, educational coordinator, entrance requirement, program length, student capacity, beginning date, tuition, stipend, scholarship, and degree or certificate awarded. An introductory section provides a brief discussion of the annual report on allied medical educational programs, and a bibliography of AMA and non-AMA publications is included. (SB)

VT 012 985 ED 050 268
Training of Health Service Personnel in the Veterans' Administration.

Congress of the U.S., Washington, D.C. House
Committee on Veterans' Affairs.
EDRS PRICE MF-\$0.65 HC-\$6.58
House-Comm-Print-3
PUB DATE - 71 123p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION;
*EDUCATIONAL PROGRAMS; *HOSPITALS;
PARAMEDICAL OCCUPATIONS; HEALTH OCCUPATIONS;
*SUBPROFESSIONALS; *PROFESSIONAL OCCUPATIONS;
FEDERAL PROGRAMS
IDENTIFIERS - *VETERANS ADMINISTRATION

ABSTRACT - During fiscal year 1970, more than 49,000 persons received training through the Veterans' Administration (VA) in 125 different health services programs, including 21,550 physicians, 1,359 dentists, and 26,142 trainees in the allied and administrative health fields. Many VA hospitals and outpatient clinics indicated that more than 12,000 additional trainees could be accommodated by September 1971 if funds were provided immediately for trainee stipends, instructor salaries, space modification, and other pertinent costs. This publication lists

the VA hospitals and outpatient clinics alphabetically for each of the 50 states, Washington, D.C., Puerto Rico, and the Philippines, and provides for each VA hospital and outpatient clinic, data concerning the health services training program accomplishments in fiscal year 1970 and the potential expansion by September 1971. (SB)

VT 012 989 ED 049 392
Harris, E. Edward
Employer Preferences and Teacher-Coordinator Practices in Distributive Education. Region V--U.S. Office of Education.

Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
PUB DATE - 71 63p.

DESCRIPTORS - *DISTRIBUTIVE EDUCATION;
*COOPERATIVE EDUCATION; QUESTIONNAIRES;
*EMPLOYER ATTITUDES; *INSTRUCTOR
COORDINATORS; COOPERATIVE PROGRAMS;
VOCATIONAL EDUCATION; *EDUCATIONAL PRACTICE

ABSTRACT - Employer preferences and teacher-coordinator practices were studied and the results compiled to serve as an aid in implementing programs in cooperative vocational education, particularly on the secondary school level. A pilot study, involving 100 employers and 50 teacher coordinators, was conducted using the questionnaire technique, then was followed by a comprehensive study of 496 teacher-coordinators and 544 employers. The findings indicated that (1) employers in general merchandise and the automotive fields felt training sessions were more important than did employers in other fields, (2) employers who had trained four or more students in the past 2 years felt an advisory committee was very important, and (3) teacher-coordinators from inner city high schools felt a training agreement was less important than did schools from other locations. Specific recommendations were that teacher-coordinators should place increased emphasis on training plans, advisory committees, and training sponsors, and that placement activities must include a review of students in relation to particular expectations. (GBB)

VT 012 996 ED 049 393
Hanson, Doris E.
Workshop on Utilization and Training of Auxiliary Personnel in Home Economics. Final Report.

American Home Economics Association,
Washington, D.C.
National Center for Educational Research and Development (DHEW/OE), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29
OEG-0-9-180543-4456 24
BR-9-0543
PUB DATE - Jun70 168p.

DESCRIPTORS - *HOME ECONOMICS EDUCATION;
*WORKSHOPS; *ANCILLARY SERVICES; *MANPOWER
DEVELOPMENT; *MANPOWER UTILIZATION;
REFERENCE REPORTS; JOB DEVELOPMENT; JOB

TRAINING

ABSTRACT - The 197 participants, representing all areas of home economics, attended a 3-day national workshop on the training and utilization of auxiliary workers within the field of home economics. Workshop activities included a symposium of auxiliary personnel employed as aides in home economics-related occupations and group discussions which followed these major presentations: (1) "New Job Revolution" by J. Farmer, (2) "Legislation Affecting Auxiliary Personnel" by J.F. Jennings, (3) "Stresses, Strains, and Joys of Utilizing Auxiliary Personnel" by S.S. Steinberg, (4) "Guidelines for Designing New Careers" by S.A. Fine, (5) "Some Aspects of Leadership" by M.F. Clark, (6) "New Concepts for Household Occupations" by U.S.A. Bowen, and (7) "Societal Needs to be Served Through Auxiliary Personnel" by E.W. Schneider. Evaluations made daily, at the end of the workshop, and 6 months later revealed that the objectives had been met to some degree by the end of the workshop and that a few studies, surveys, and programs had been implemented by the 6-month followup. Lists of participants, preparatory materials, texts of major presentations, evaluation instruments, and packet materials are appended. (SB)

VT 013 009 ED 050 270
Borgen, Joseph A.; Davis, Dwight E.
A Research and Development Project in Occupational Education: The Development of Process Models for Decision-Making in Curriculum Development and Evaluation. Final Report of Phase I.

Joliet Junior Coll., Ill.
Illinois State Board of Vocational Education and Rehabilitation, Springfield. Vocational and Technical Education Div.
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Sep70 115p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *MODELS;
*CURRICULUM DEVELOPMENT; CURRICULUM
EVALUATION; LONGITUDINAL STUDIES; *DECISION
MAKING; *CURRICULUM RESEARCH; CURRICULUM
PLANNING; SYSTEMS APPROACH

ABSTRACT - Concern for quality vocational education programs and a decision-making system for curriculum development and evaluation led to the implementation of this four-phase project. The initial phase of the project involved: (1) a review of literature related to the development and application of process models to curriculum development and evolution, (2) the identification of consultants and resource agencies to be utilized in initial model development, and (3) future project planning in relation to project objectives, the involvement of state and local personnel, project testing and evaluation, dissemination, and budgeting. Curriculum models reviewed by the investigators included the objectives model, the project development model, the accreditation model, and the management-system model. One of the major recommendations of this initial phase called for a further investigation of the literature

with respect to management systems in order to identify and compare their rationale, components, and elements. Also included in the report are the Project Proposal--Phase I, Consultants and Agencies Identified during Phase I, and Personnel Qualifications. (Author/JS)

VT 013 010 ED 050 271
Training the Poor. A Benefit-Cost Analysis of Manpower Programs in the U.S. Antipoverty Program.

Queen's Univ., Kingston (Ontario). Industrial Relations Centre.
Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
DOCUMENT NOT AVAILABLE FROM EDRS.
Res-Ser-12
Industrial Relations Centre, Queen's University, Kingston, Ontario, Canada.
PUB DATE - 71 153p.

DESCRIPTORS - *COST EFFECTIVENESS; INDIVIDUAL CHARACTERISTICS; *ADULT VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; *UNEMPLOYED; *EVALUATION CRITERIA; RESOURCE ALLOCATIONS; PROGRAM EVALUATION; POVERTY PROGRAMS; EVALUATION TECHNIQUES; INCOME
IDENTIFIERS - *MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS; MANPOWER IMPROVEMENT THROUGH COMMUNITY EFFORT; MITC

ABSTRACT - This report critically reviews past benefit-cost studies of manpower programs and offers an alternative methodology for program evaluation. Because of selective admission criteria and a tendency to attribute all income changes to training, previous studies have had an upward bias in measuring the effectiveness of training. This study evaluates a community effort manpower program in which trainees were not selected on the basis of aptitude or intelligence. Nevertheless, the trainees were far from typical, so multiple regression analysis was used to isolate the effects of training on income. The results show a higher benefit-cost ratio for on-the-job training than for institutional training, especially for women. The report concluded that the program as a whole represents an efficient allocation of resources. (BH)

VT 013 011 ED 050 272
Vetter, Louise; Sethney, Barbara J.
Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters.
Research and Development Series No. 46.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Office of Education (DHEW), Washington, D.C.
Bureau of Research
EDRS PRICE MF-\$0.65 HC-\$3.29
OEG-3-7-000158-2.17 08
BR-7-0158

Center for Vocational and Technical Education, Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (no charge).
DATE - Jan 71 85p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *INSTRUCTIONAL MATERIALS; TRANSPARENCIES; CURRICULUM DEVELOPMENT; *FEMALES; COMPARATIVE ANALYSIS; *CAREER PLANNING; SECONDARY EDUCATION; *OCCUPATIONAL INFORMATION; STUDENT ATTITUDES; PILOT PROJECTS; MANUALS
IDENTIFIERS - *OCCUPATIONAL EXPLORATION

ABSTRACT - Expanding educational and occupational opportunities for girls and women have occurred as attitudes toward women workers have become more liberalized and as legislation has provided for such opportunities and changes. However, research has indicated that many secondary-school-age girls have unrealistic educational and vocational plans and incomplete knowledge of relevant facts about the world of work. Therefore, the purpose of this project was to develop a package of curriculum materials designed to aid girls in considering future alternatives in terms of labor force participation and adult female roles. Curriculum materials and a questionnaire consisting of attitude, objective, and demographic items were developed and pilot tested at the seventh, ninth, and eleventh grade levels. It was found that students at all grade levels gained information about the world of work and women's roles in employment through the use of these materials. A major recommendation was that, with slight revisions, the materials would be appropriate to use with classes of boys and girls. (Author)

VT 013 018
Iversen, Iver, And Others
The HELP Campaign--An Evaluation.

Kenny Rehabilitation Inst., Minneapolis, Minn.
Minnesota State Dept. of Education, St. Paul.
Div. of Vocational Rehabilitation
EDRS PRICE MF-\$0.65 HC-\$6.58
PUB DATE - Dec 70 173p.

DESCRIPTORS - *VOCATIONAL REHABILITATION; *PROGRAM EVALUATION; INTERVIEWS; QUESTIONNAIRES; COMPARATIVE ANALYSIS; DATA ANALYSIS; REHABILITATION COUNSELING; *INFORMATION DISSEMINATION; *HANDICAPPED; *COUNSELING EFFECTIVENESS
IDENTIFIERS - HELP Campaign

ABSTRACT - The nationwide promotional HELP campaign of public service announcements launched in 1968 was intended to encourage the disabled to seek appropriate rehabilitation services. A 6-month study was conducted to determine the effectiveness of the HELP campaign and the nature of those who responded. The procedure involved an analysis of the letters sent to HELP, interviews, questionnaires, and an analysis of case file data from the Division of Vocational Rehabilitation. Of the 1,100 individuals represented by 1,000 responses to HELP letters, seven out of twelve were disabled persons in the 16-59 age group. It was concluded that 5/12ths were suitable candidates for vocational rehabilitation and that 4/12ths could be helped by no known agency. Specific recommendations for future

programs of this nature are that they promise no more than can be delivered, and that they be immediately responsive. (GEB)

VT 013 020 ED 050 274
Keeping on Course. Report of the 1970 Regional Workshops of the Council of Diploma Programs.

National League for Nursing, New York, N.Y.
Dept. of Diploma Programs.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.
Pub No 16-1418
National League for Nursing, Department of Diploma Programs, 10 Columbus Circle, New York, New York 10019 (Publication No. 16-1418, \$1.75).
PUB DATE - 71 48p.

DESCRIPTORS - *HEALTH OCCUPATIONS EDUCATION; CONFERENCE REPORTS; *WORKSHOPS; *CURRICULUM DEVELOPMENT; *COURSE OBJECTIVES; *NURSING; TEACHING METHODS; COURSE CONTENT; EDUCATIONAL RESOURCES; LEARNING ACTIVITIES; CURRICULUM EVALUATION; COURSE EVALUATION; STUDENT EVALUATION

ABSTRACT - A total of 710 participants representing 371 agency members attended one of six 2-day workshops, which constituted the second phase of a 3-year curriculum development program and were designed to: (1) identify course objectives in relation to level objectives, (2) select subject matter and learning experiences appropriate to achievement of course objectives, (3) identify resources and teaching methods to achieve objectives, and (4) introduce concepts of evaluation of the total curriculum, the courses, and the students. Utilizing the 1969 report as a base, workshop objectives were met through group work and reactions to these major presentations: (1) "The Concepts of Evaluation as Related to the Total Curriculum, Individual Courses, and Students" by M.L. Dyer, and (2) "Our Course Leads to Evaluation" by L. Ulrich and S.W. Rayfield. Texts of the major presentations are included, and workshop materials are appended. The 1969 workshop report, "Level Objectives: Development and Use in the Curriculum," is available as ED 039 356 (VT 011 088, ARM Fall 1970).

VT 013 045 ED 049 394
Anthony, William Philip
A Study of the Effectiveness of Public Postsecondary Vocational-Technical Education in Preparing Graduates for the Labor Force.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., P.O. Box 1764, Ann Arbor, Michigan 48106 (order no. 71-22442, MF \$4.00, Xerography \$10.00).
PUB DATE - 71 204p. Ph.D. Dissertation; Ohio State University.

DESCRIPTORS - *HIGH SCHOOL GRADUATES; TECHNICAL INSTITUTES; *TECHNICAL EDUCATION; VOCATIONAL EDUCATION; EMPLOYMENT OPPORTUNITIES; STATISTICAL ANALYSIS; DOCTORAL DEGREES; EMPLOYMENT STATISTICS; JOB PLACEMENT

EMPLOYMENT LEVEL; *SUCCESS FACTORS; *PROGRAM EFFECTIVENESS; *PROGRAM EVALUATION

ABSTRACT - This study was designed to determine the extent to which public postsecondary vocational-technical education leads to success in the labor market. Eighty-three graduates from a technical institute, plus two control groups from the local public high schools comprised the subjects for this ex-post facto analysis. F ratio and T tests were used to distinguish any difference in the sample groups with regard to the 18 independent variables thought to affect labor market success, and the 15 dependent variables which are measures of labor market success. The results showed that the technical institute graduates were initially employed at higher occupational levels and had a higher mean occupational level for all jobs than did the high school graduates without technical training. (Editor/GEB)

VT 013 051 ED 050 276
Somers, Gerald G., Ed.;
Little, J. Kenneth, Ed.
Vocational Education: Today and Tomorrow.

Wisconsin Univ., Madison. Center for Studies in Vocational and Technical Education.
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.
Center for Studies in Vocational and Technical Education, 4315 Social Science Bldg., University of Wisconsin, Madison, Wisconsin 53706 (\$5.00, plus 18¢ postage).
PUB DATE - 71 351p.

DESCRIPTORS - *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *EDUCATIONAL PROBLEMS; EDUCATIONAL OBJECTIVES; EMPLOYMENT TRENDS; *CURRICULUM DEVELOPMENT; SCHOOL PERSONNEL; PROGRAM EVALUATION; DISADVANTAGED GROUPS; *EDUCATIONAL NEEDS; CURRICULUM RESEARCH; CAREERS; ORGANIZATIONAL CHANGE

ABSTRACT - The papers in this document, written by persons from a variety of disciplines, are addressed to issues which have confronted vocational educators for many years and which remain unsolved as the decade of the 70's begins. Specific topics include: (1) "Curriculum Response to Occupational Trends" by Garth Mangum, (2) "Changing Relationships Between Schools and Industry" by Samuel M. Burt, (3) "Staffing Vocational-Technical Programs" by Rupert Evans, (4) "Vocational Education for Disadvantaged Groups" by Laure Sharp, (5) "Comprehensive Education, Redefined for a Humanist Society" by Marvin Feldman, and (6) "Lessons from Other Countries" by Norman Duffy. (GEB)

VT 013 054 ED 049 395
Thurston, Ronald L.; Weber, Lester C.
Development of a Plan to Improve the Personalized Instruction Program at Vocational Village. Final Report.

Portland School District, Oreg. Vocational Village.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-\$0.65 HC-\$3.29

ARM/FALL 71

89

OEG-0-90685005-0768 (085) 08

BR-7-1339

PUB DATE - Apr71 77p.

DESCRIPTORS - *PROGRAM IMPROVEMENT;
VOCATIONAL EDUCATION; PROGRAM DEVELOPMENT;
DROPOUTS; STUDENT NEEDS; *INDIVIDUALIZED
INSTRUCTION; *VOCATIONAL SCHOOLS; SECONDARY
EDUCATION; PROGRAM EFFECTIVENESS; *DROPOUT
PROGRAMS; STUDENT EVALUATION; BEHAVIORAL
OBJECTIVES; SCHOOL INDUSTRY RELATIONSHIP;
RESIDENTIAL SCHOOLS

ABSTRACT - Vocational Village was opened by the Portland (Oregon) School District in 1968 to provide opportunities for students who had not been successful in traditional high school programs. A basic concept of the programs initiated at Vocational Village was the desire to personalize and individualize instruction. However, as operations got under way it became evident that the program could be made more efficient and effective by: (1) modifying the procedure for screening and admitting new students, (2) developing behavioral-based instructional materials with a job approach, (3) increasing cooperative arrangements with community agencies, businesses and industries, and (4) improving procedures for evaluating student progress through their individual programs. Using these points as objectives, this current project resulted in seven specific accomplishments. Among these were: (1) an efficient method for interviewing and screening prospective students, (2) guidelines for developing and using job sheets to personalize and individualize instruction, and (3) an efficient method to monitor student progress. (Author/JS)

INDEXES

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| AATEA | | ACTION PROGRAMS (COMMUNITY) | |
| VT 012 894 | 77 | VT 012 958 ED 049 384 | 81 |
| Agricultural Education: Some Concerns and Comforts. | | Strengthening Labor's Role in the War on Poverty. | |
| ABSTRACTS | | ACTIVISM | |
| VT 012 385 ED 047 110 | 34 | VT 012 845 ED 049 374 | 71 |
| SUMMARIES OF STUDIES IN AGRICULTURAL EDUCATION, PACIFIC REGION, 1969-70. AN ANNOTATED BIBLIOGRAPHY. | | Toward A New Activism: Youth's Role in a Changing Society. | |
| VT 012 793 ED 049 365 | 67 | ACTIVITY LEARNING | |
| Summaries of Studies in Agricultural Education in the Philippines, 1930-1959. An Annotated Bibliography. | | VT 012 852 ED 048 499 | 72 |
| VT 012 795 ED 049 366 | 67 | An Experimental Comparison of Two Methods of Teaching Numerical Control Manual Programming Concepts: Visual Media Versus Hands-On Equipment. | |
| Summaries of Studies in Agricultural Education in the Philippines, 1960-1968. An Annotated Bibliography. | | ADJUSTMENT (TO ENVIRONMENT) | |
| VT 012 983 ED 049 391 | 85 | VT 012 665 ED 048 484 | 59 |
| Summaries of Studies in Industrial Arts, Trade and Industrial, and Technical Education for 1930-Supplement. | | Education in a Technological Society. | |
| ACADEMIC ACHIEVEMENT | | ADJUSTMENT PROBLEMS | |
| VT 005 614 | 2 | VT 012 664 ED 048 483 | 59 |
| Correspondence Unit as Used in Typing Audio Lab. | | Rehabilitation Work with the Blind; Role of the Helping Professional in Creating a Family Team. | |
| VT 012 572 | 51 | ADMINISTRATION | |
| Evaluation Sheets in Agricultural Mechanization Programs. | | VT 012 939 ED (SEE AUG '71 RIE) | 80 |
| VT 012 575 | 52 | SUM (Service Unit Management): An Organizational Approach to Improved Patient Care. | |
| Evaluation Techniques in Agricultural Mechanization. | | ADMINISTRATIVE PERSONNEL | |
| ACADEMIC ASPIRATION | | VT 012 676 | 61 |
| VT 012 471 | 42 | Rehabilitation Counseling Leadership: Present and Potential. Working Paper No. 5. Career Contingencies of the Rehabilitation Counselor. | |
| Occupational and Educational Projections of Deep-South Delinquent and Non-Delinquent Black Males. | | VT 012 890 | 77 |
| ACCIDENT PREVENTION | | Conference Report: Trade and Industrial Education Curriculum Materials (Atlanta, Ga., July 1-2, 1968). | |
| VT 012 570 | 51 | ADMISSION CRITERIA | |
| Education for Safer Agriculture. | | VT 012 587 | 53 |
| ACCREDITATION (INSTITUTIONS) | | Registered Apprentice Training Entry Requirements as Established by New York State Program Sponsors--1970 A Joint Report. | |
| VT 010 483 | 7 | ADULT VOCATIONAL EDUCATION | |
| Manual of Evaluation Procedures and Instructions. | | VT 008 571 | 4 |
| ACHIEVEMENT | | A Blueprint for the Training of School Lunch Personnel in the Indiana Public Schools. | |
| VT 012 311 | 30 | VT 012 017 ED 048 439 | 16 |
| A Comparison of the Self Concept of Vocational and Technical Students. | | Skill Upgrading, Incorporated. | |
| ACHIEVEMENT TESTS | | VT 012 291 | 29 |
| VT 012 575 | 52 | The American Telephone and Telegraph. | |
| Evaluation Techniques in Agricultural Mechanization. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 369 | 33 | AFRICAN HISTORY | |
| Training and Technology; The Effects of a Manpower Training Program on the Personal Lives of Its Graduates. | | VT 012 548 ED 048 71 | 48 |
| VT 012 468 | 41 | Black Craftsmen Through History. | |
| Door to Opportunity. Title V, Economic Opportunity Act. | | AGE DISCRIMINATION IN EMPLOYMENT ACT | |
| VT 012 476 | 43 | VT 012 908 | 78 |
| Transitional Manpower Programs. A Status Report. | | The Law Against Age Discrimination in Employment. | |
| VT 012 675 | 60 | AGRICULTURAL EDUCATION | |
| Training and Technology: Annual Summary. | | VT 012 060 ED 045 824 | 19 |
| VT 012 865 ED 048 504 | 74 | AN EXPERIMENT EVALUATING METHODS OF DISSEMINATION OF BUSINESS SIMULATION INSTRUCTIONAL MATERIALS TO AGRICULTURE TEACHERS. | |
| Follow-Up of Selected MDTA Programs. | | VT 012 139 ED (SEE AUG '71 RIE) | 23 |
| VT 012 942 ED 049 381 | 80 | Annual Review of Selected Developments; Agricultural Education and Training. | |
| Cost-Benefit Aspects Of Manpower Retraining. | | VT 012 183 | 24 |
| VT 013 010 ED (SEE AUG '71 RIE) | 87 | 1970-71 Directory of Post-Secondary Education in Agricultural and Natural Resource Occupations. | |
| Training the Poor. A Benefit-Cost Analysis of Manpower Programs in the U.S. Antipoverty Program. | | VT 012 385 ED 047 110 | 34 |
| ADVISORY COMMITTEES | | SUMMARIES OF STUDIES IN AGRICULTURAL EDUCATION, PACIFIC REGION, 1969-70. AN ANNOTATED BIBLIOGRAPHY. | |
| VT 011 686 ED 043 744 | 11 | VT 012 438 ED (SEE AUG '71 RIE) | 38 |
| Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education. | | Research in Agricultural Education Program Beyond High School. | |
| VT 012 224 | 27 | VT 012 439 ED (SEE AUG '71 RIE) | 38 |
| Report of the Minnesota State Advisory Council for Vocational Education--1970. | | Vocational-Technical Education in Agricultural Resources. Final Report. | |
| VT 012 319 | 31 | VT 012 445 ED 047 117 | 39 |
| The Tennessee State Advisory Council on Vocational Education; For Continued and Further Improvement of Education in Tennessee. | | COMPARISON OF CERTAIN ABILITIES NEEDED BY WORKERS IN LICENSED NURSERIES AND LICENSED ORNAMENTAL HORTICULTURE BUSINESSES. | |
| VT 012 334 | 31 | VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| First Annual Report of the Arizona State Advisory Council for Vocational Education. | | Development and Use of Subject Matter Materials for Vocational Education in Agriculture. | |
| VT 012 721 ED 048 489 | 64 | VT 012 570 | 51 |
| National Advisory Council on Vocational Education. Fourth Report. | | Education for Safer Agriculture. | |
| AEROSPACE INDUSTRY | | VT 012 571 | 51 |
| VT 012 735 | 66 | Effectiveness of Skill Sheets and Demonstration Group Size for Instruction in Agricultural Mechanics. | |
| Aerospace Education Resource Conference. | | VT 012 572 | 51 |
| AEROSPACE TECHNOLOGY | | Evaluation Sheets in Agricultural Mechanization Programs. | |
| VT 012 735 | 66 | VT 012 573 | 52 |
| Aerospace Education Resource Conference. | | Effectiveness of Prepared Instructional Units to Teach the Principles of Internal Combustion Engine Operation and Maintenance. | |
| AFFECTIVE BEHAVIOR | | VT 012 574 | 52 |
| VT 011 592 ED 048 438 | 10 | Techniques for Evaluation of Skill Development in Agricultural Education. | |
| Autonomy in Work. | | VT 012 575 | 52 |
| VT 011 593 ED 048 435 | 10 | Evaluation Techniques in Agricultural Mechanization. | |
| The Formal Environments for Learning: Schools, Colleges, and Universities. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| VT 012 647 ED (SEE AUG '71 RIE) | 57 | AGRICULTURAL PRODUCTION | |
| Model for Evaluation of Secondary School Programs of Vocational Education in Agriculture. | | VT 012 056 ED (SEE AUG '71 RIE) | 19 |
| VT 012 677 ED (SEE AUG '71 RIE) | 61 | Our 31,000 Largest Farms. | |
| Measurement of the Agricultural Resources Role in Southern Illinois Agricultural Education. | | AGRICULTURAL SUPPLY OCCUPATIONS | |
| VT 012 793 ED 049 365 | 67 | VT 012 498 | 44 |
| Summaries of Studies in Agricultural Education in the Philippines, 1930-1959. An Annotated Bibliography. | | Knowledges and Skills Needed by Employees in Agricultural Supply Businesses: A Cooperative and Factor Analytic Study. | |
| VT 012 795 ED 049 366 | 67 | AGRICULTURE | |
| Summaries of Studies in Agricultural Education in the Philippines, 1960-1968. An Annotated Bibliography. | | VT 012 183 | 24 |
| VT 012 894 | 77 | 1970-71 Directory of Post-Secondary Education in Agricultural and Natural Resource Occupations. | |
| Agricultural Education: Some Concerns and Comforts. | | ANCILLARY SERVICES | |
| AGRICULTURAL ENGINEERING | | VT 012 996 ED 049 393 | 86 |
| VT 011 916 | 13 | Workshop on Utilization and Training of Auxiliary Personnel in Home Economics. | |
| Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. | | ANNOTATED BIBLIOGRAPHIES | |
| VT 012 570 | 51 | VT 003 430 ED (SEE AUG '71 RIE) | 2 |
| Education for Safer Agriculture. | | Vocational Education--An Annotated Bibliography of Selected References, 1917-1966 (Below College). | |
| VT 012 571 | 51 | VT 011 856 | 13 |
| Effectiveness of Skill Sheets and Demonstration Group Size for Instruction in Agricultural Mechanics. | | Annotated Bibliography of Publications and Reports of Research Dealing with the Interpretation of the "World of Work" to Elementary Children. | |
| VT 012 572 | 51 | VT 012 273 | 29 |
| Evaluation Sheets in Agricultural Mechanization Programs. | | Public Employment and the Disadvantaged: An Annotated Bibliography. | |
| VT 012 573 | 52 | VT 012 352 ED 045 848 | 32 |
| Effectiveness of Prepared Instructional Units to Teach the Principles of Internal Combustion Engine Operation and Maintenance. | | COST-BENEFIT ANALYSIS AND THE ECONOMICS OF INVESTMENT IN HUMAN RESOURCES. AN ANNOTATED BIBLIOGRAPHY. | |
| VT 012 574 | 52 | VT 012 385 ED 047 110 | 34 |
| Techniques for Evaluation of Skill Development in Agricultural Education. | | SUMMARIES OF STUDIES IN AGRICULTURAL EDUCATION, PACIFIC REGION, 1969-70. AN ANNOTATED BIBLIOGRAPHY. | |
| VT 012 575 | 52 | VT 012 568 ED 047 150 | 50 |
| Evaluation Techniques in Agricultural Mechanization. | | RESEARCH VISIBILITY: VOCATIONAL EDUCATION RESEARCH. | |
| AGRICULTURAL LABORERS | | VT 012 720 ED 048 488 | 64 |
| VT 012 678 | 61 | Research Visibility: Research and Evaluation. | |
| New Mexico Farm Labor and Rural Manpower Program 1969. Annual Report. | | VT 012 793 ED 049 365 | 67 |
| AGRICULTURAL OCCUPATIONS | | Summaries of Studies in Agricultural Education in the Philippines, 1930-1959. An Annotated Bibliography. | |
| VT 012 386 | 34 | VT 012 795 ED 049 366 | 67 |
| Supply and Demand for Teachers of Vocational Agriculture in 1970. | | Summaries of Studies in Agricultural Education in the Philippines, 1960-1968. An Annotated Bibliography. | |
| VT 012 439 ED (SEE AUG '71 RIE) | 38 | | |
| Vocational-Technical Education in Agricultural Resources. Final Report. | | | |
| VT 012 677 ED (SEE AUG '71 RIE) | 61 | | |
| Measurement of the Agricultural Resources Role in Southern Illinois Agricultural Education. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 810 ED 049 367 | 68 | VT 012 888 | 77 |
| A Compilation of Resource Lists for Vocational Educators: An Annotated Bibliography of Bibliographies in Vocational Education, 1960-1969. | | National Apprenticeship Policy for Ophthalmic Finisher-Dispenser. | |
| VT 012 898 ED 048 511 | 76 | APTITUDE TESTS | |
| Man, His Job, and the Environment: A Review and Annotated Bibliography of Selected Recent Research on Human Performance. | | VT 012 208 | 25 |
| VT 012 961 ED 048 516 | 82 | The Development of Measures of Vocational Interests and Relevant Aptitudes for the Deaf. Final Draft. | |
| Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970. | | VT 012 550 | 48 |
| VT 012 962 ED 049 385 | 82 | Prediction of Job Performance for Negro and White Medical Technicians. | |
| Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970. | | AREA VOCATIONAL SCHOOLS | |
| VT 012 983 ED 049 391 | 85 | VT 012 454 ED 048 464 | 40 |
| Summaries of Studies in Industrial Arts, Trade and Industrial, and Technical Education for 1930- Supplement. | | A Determination of Selected Criteria to be Utilized in Locating and Establishing Area Vocational Education Schools in Utah. | |
| ANNUAL REPORTS | | VT 012 975 ED 049 390 | 84 |
| VT 011 746 ED (SEE AUG '71 RIE) | 12 | Vocational Education and the Area Schools. A Report to the State of Iowa Office of Planning and Programming. | |
| Manpower Report of the President. Message from the President of the United States Transmitting an Annual Report on the Progress of Manpower Programs. | | ARITHMETIC | |
| VT 012 334 | 31 | VT 012 050 ED 048 443 | 18 |
| First Annual Report of the Arizona State Advisory Council for Vocational Education. | | The Effectiveness of Flash Cards in a Mathematical Self-Study Course for Group IV Personnel. | |
| VT 012 941 ED 048 513 | 80 | ARTICULATION (PROGRAM) | |
| Projected Activities for Fifth Funding Period and Annual Report. | | VT 012 275 ED 048 455 | 29 |
| APPALACHIA | | Articulations Between Medical and Premedical Education. Proceedings of a Conference. | |
| VT 012 958 ED 049 384 | 81 | ATTITUDE TESTS | |
| Strengthening Labor's Role in the War on Poverty. | | VT 012 710 | 63 |
| APPRENTICESHIPS | | Attitude Testing for an Experimental Junior High School Course in Economic Education and Manpower Development. | |
| VT 010 385 ED 038 505 | 7 | AUDIO ACTIVE LABORATORIES | |
| APPRENTICESHIP PAST AND PRESENT. | | VT 005 614 | 2 |
| VT 012 011 ED (SEE AUG '71 RIE) | 16 | Correspondence Unit as Used in Typing Audio Lab. | |
| Project BUILD, A Manpower Demonstration Program: February, 1968-March, 1969. | | AUDIOLOGISTS | |
| VT 012 035 | 17 | VT 012 210 ED 048 451 | 26 |
| Apprenticeship Survey. | | Manpower Needs and Manpower Utilization in Speech Pathology and Audiology. | |
| VT 012 363 | 33 | AUDIOVISUAL AIDS | |
| Apprenticeship Coordinators. | | VT 011 301 ED 041 128 | 9 |
| VT 012 559 ED 048 473 | 50 | NATIONAL CONFERENCE ON THE USE OF AUDIOVISUALS IN MEDICAL EDUCATION, PROCEEDINGS (UNIVERSITY OF ALABAMA MEDICAL CENTER, BIRMINGHAM, AUGUST 6-8, 1969). | |
| Blacks in the Construction Trades and Effect on Connecticut Economy. | | | |
| VT 012 587 | 53 | | |
| Registered Apprentice Training Entry Requirements as Established by New York State Program Sponsors--1970 A Joint Report. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| AUDIOVISUAL COMMUNICATION | | BIBLIOGRAPHIES | |
| VT 011 301 ED 041 128 | 9 | VT 012 616 ED 048 478 | 55 |
| NATIONAL CONFERENCE ON THE USE OF | | Economics of Human Resources: A | |
| AUDIOVISUALS IN MEDICAL EDUCATION, | | Bibliography. | |
| PROCEEDINGS (UNIVERSITY OF ALABAMA | | VT 012 658 ED 048 482 | 58 |
| MEDICAL CENTER, BIRMINGHAM, AUGUST | | Review and Synthesis of Research | |
| 6-8, 1969). | | and Consumer and Homemaking | |
| | | Education. | |
| AUDIOVISUAL INSTRUCTION | | VT 012 694 ED 048 485 | 62 |
| VT 012 544 ED 048 470 | 48 | Rehabilitation Research and | |
| Pilot Pattern for Home Management | | Demonstration Projects, 1955-1970. | |
| Instruction in Area Vocational | | VT 012 824 | 71 |
| School Curricula. | | Bibliography of CORE (Careers | |
| | | Oriented Relevant Education). | |
| AUSTRALIA | | Related Projects and Materials. | |
| VT 012 099 | 20 | VT 012 825 ED 049 371 | 71 |
| Technicians in Non-Electrical Plant | | Women--Their Social and Economic | |
| and Machinery Manufacture. | | Status. Selected References. | |
| | | VT 012 872 | 75 |
| AUTOMATION | | Health Planning: A Bibliography of | |
| VT 011 111 ED (SEE AUG '71 RIE) | 8 | Basic Readings. | |
| Automation and Women Workers. | | | |
| VT 012 678 | 61 | BLIND | |
| New Mexico Farm Labor and Rural | | VT 012 664 ED 048 483 | 59 |
| Manpower Program 1969. Annual | | Rehabilitation Work with the Blind; | |
| Report. | | Role of the Helping Professional in | |
| | | Creating a Family Team. | |
| BANKING | | | |
| VT 012 249 ED 048 454 | 27 | BLUE COLLAR OCCUPATIONS | |
| New Workers in the Banking | | VT 012 259 | 28 |
| Industry: A Minority Report. | | Outlook for Computer Process | |
| | | Control: Manpower Implications in | |
| BASE ENGINEER AUTOMATED MANAGEMENT | | Process Industries. | |
| SYSTEM | | | |
| VT 012 161 ED (SEE AUG '71 RIE) | 23 | BUILDING TRADES | |
| Base Engineer Automated Management | | VT 012 011 ED (SEE AUG '71 RIE) | 16 |
| System (BEAMS): | | Project BUILD, A Manpower | |
| Implementation/Conversion Team | | Demonstration Program: February, | |
| Education. | | 1968-March, 1969. | |
| | | VT 012 559 ED 048 473 | 50 |
| BEGINNING TEACHERS | | Blacks in the Construction Trades | |
| VT 011 731 | 12 | and Effect on Connecticut Economy. | |
| Annual Report of COPE (3rd): The | | | |
| Cooperative Occupational | | BUSINESS | |
| Pre-Teaching Experience Program. | | VT 012 300 | 30 |
| | | Internal Labor Markets and Manpower | |
| BEHAVIOR PATTERNS | | Analysis. | |
| VT 011 591 ED 048 433 | 10 | | |
| Organizational Role Behaviour. | | BUSINESS CORRESPONDENCE | |
| VT 011 594 ED 048 436 | 11 | VT 012 004 | 15 |
| Work Organizations, Behavior and | | A History of Business | |
| Attitudes. | | Letter-Writing Theory as Revealed | |
| VT 011 941 ED 043 778 | 14 | in an Interpretative Analysis of | |
| Stimulating Educational | | American Collegiate Business | |
| Information-Seeking and Changes in | | Communication Textbooks, 1915-1967. | |
| Student Attitude Toward Vocational | | | |
| Education by Videotape and Film | | BUSINESS EDUCATION | |
| Presentations. | | VT 005 614 | 2 |
| | | Correspondence Unit as Used in | |
| BEHAVIORAL OBJECTIVES | | Typing Audio Lab. | |
| VT 012 966 ED (SEE AUG '71 RIE) | 83 | VT 009 597 | 4 |
| A Workshop for Allied Health | | Communication: Effective | |
| Teaching Personnel in Developing | | Application of Innovative Teaching | |
| Behaviorally-Oriented Learning | | Media. | |
| Materials. | | VT 012 205 | 25 |
| | | Business Office Culture Project. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| VT 012 217 | 26 | CAREER LADDERS | |
| The Effectiveness of Teaching Beginning Typewriting with Television Monitors, Selectric Typewriters, and an Open-Access Laboratory. | | VT 012 235 ED 048 453 | 27 |
| VT 012 337 | 31 | Toward a Career Ladder in Nursing: Upgrading Nurse's Aides to LPNs Through a Work-Study Program. | |
| Testing and Grading Practices and Opinions of Secondary Teachers in Business and Distributive Education. | | VT 012 409 ED 048 459 | 36 |
| VT 012 346 | 31 | Allied Health Education. Comprehensive Health Services. | |
| The Development of a Procedure for Continuous Evaluation of the Green River High School Business Education Program. | | VT 012 463 ED 048 465 | 40 |
| VT 012 350 | 32 | A Study of Career Ladders and Manpower Development for Non-Management Personnel in the Food Service Industry. | |
| A Comparative Study of State Vocational Cooperative and Simulated Business and Office Programs. | | VT 012 623 | 56 |
| VT 012 415 | 37 | Mental Health Worker Career Series. | |
| A Study of the Office Employment Expectations of White and Nonwhite Business Education Students.. | | VT 012 913 | 79 |
| VT 012 462 ED 047 121 | 40 | Feasibility Study of Career Ladder Curriculum and Guidance and Counseling. | |
| AN EXPERIMENT TO DETERMINE THE EFFECTS OF IMMEDIATE VERSUS DELAYED KNOWLEDGE OF RESULTS ON INITIAL LEARNING AND RETENTION OF SELECTED RELATED LEARNING IN TRANSCRIPTION CLASSES. | | CAREER OPPORTUNITIES | |
| VT 012 486 | 43 | VT 012 026 ED 048 440 | 16 |
| A Chronology of Business Education in the United States. | | Career Mobility for Paraprofessionals in Human Service Agencies. | |
| VT 012 643 ED 047 160 | 57 | VT 012 249 ED 048 454 | 27 |
| DIFFICULTY INDICES AND PERFORMANCE NORMS FOR OFFICE-TYPING TASKS. FINAL REPORT. | | New Workers in the Banking Industry: A Minority Report. | |
| CALIFORNIA | | VT 012 366 ED 049 357 | 33 |
| VT 012 653 | 58 | New Careers for the Subprofessional. | |
| Summary 1969-1970. | | VT 012 463 ED 048 465 | 40 |
| CAREER CHOICE | | A Study of Career Ladders and Manpower Development for Non-Management Personnel in the Food Service Industry. | |
| VT 012 178 ED (SEE AUG '71 RIE) | 24 | VT 012 545 | 48 |
| Career Indications Among Junior Officers. | | Health Careers Information Materials. | |
| VT 012 311 | 30 | VT 012 622 | 56 |
| A Comparison of the Self Concept of Vocational and Technical Students. | | Indigenous Manpower for Social Planning. Report of a Work Conference (May 1, 1970). | |
| VT 012 724 | 54 | VT 012 715 | 63 |
| Vocational Maturity and Vocational Training. | | Training and Education of New Careerists in Public Welfare. | |
| VT 012 738 | 66 | VT 012 913 | 79 |
| Toward Your Future Job--Drive or Drift? An Exploratory Look at Career Hopes and Occupational Aspirations of Young People of Oregon. | | Feasibility Study of Career Ladder Curriculum and Guidance and Counseling. | |
| CAREER EDUCATION | | VT 012 951 ED (SEE AUG '71 RIE) | 81 |
| VT 012 620 ED 048 480 | 55 | Vocational Education: Innovations Revolutionize Career Training. Education U.S.A. Special Report. | |
| Career Education Now. | | CAREER PLANNING | |
| | | VT 007 470 | 3 |
| | | The Development of a Total Program of Education for the World of Work. Part I: Rationale and Proposal for Involvement of Schools. | |
| | | VT 009 922 ED 034 874 | 5 |
| | | Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development. | |
| | | VT 009 939 ED 034 880 | 5 |
| | | Occupational Education Program; Image of the World of Work, Volume I. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| VT 009 940 ED 034 881 | 6 | CHILD LABOR LAWS | |
| The World of Working and Learning. | | VT 012 848 ED 048 498 | 71 |
| VT 012 516 | 46 | Working Children. A Report on Child Labor. | |
| Exploring the World of Work, Grades 6-9. | | | |
| VT 012 545 | 48 | CITIZEN PARTICIPATION | |
| Health Careers Information Materials. | | VT 012 622 | 56 |
| VT 012 738 | 66 | Indigenous Manpower for Social Planning. Report of a Work Conference (May 1, 1970). | |
| Toward Your Future Job--Drive or Drift? An Exploratory Look at Career Hopes and Occupational Aspirations of Young People of Oregon. | | | |
| VT 012 824 | 71 | CITIZENSHIP | |
| Bibliography of CORE (Careers Oriented Relevant Education). Related Projects and Materials. | | VT 012 538 ED 047 143 | 47 |
| VT 013 011 ED (SEE AUG '71 RIE) | 87 | A NEW ROLE FOR INDUSTRIAL ARTS IN THE SENIOR HIGH SCHOOL. | |
| Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters. | | | |
| | | CIVIL ENGINEERING | |
| CAREERS | | VT 012 161 ED (SEE AUG '71 RIE) | 23 |
| VT 012 964 ED 049 387 | 83 | Base Engineer Automated Management System (BEAMS): Implementation/Conversion Team Education. | |
| Development of Educational Programs for New Careers in Recreation Services for the Disabled. | | | |
| | | CIVIL LIBERTIES | |
| CATALOGS | | VT 012 845 ED 049 374 | 71 |
| VT 012 727 | 65 | Toward A New Activism: Youth's Role in a Changing Society. | |
| Licensed and Certified Occupations in Nevada. | | | |
| | | CLASSROOM OBSERVATION TECHNIQUES | |
| CERTIFICATION | | VT 012 904 ED 049 379 | 78 |
| VT 012 727 | 65 | Interaction Patterns of Industrial Arts Teachers in Laboratory Type Situations at the Junior High School Level. | |
| Licensed and Certified Occupations in Nevada. | | | |
| | | CLINICAL EXPERIENCE | |
| CHANGING ATTITUDES | | VT 012 045 ED 048 442 | 17 |
| VT 009 986 ED 034 885 | 6 | Pilot Study of the Practice of Physical Medicine and Rehabilitation. | |
| Occupational Education Programs; Image of the World of Work, Volume II. | | | |
| VT 012 369 | 33 | COLLECTIVE BARGAINING | |
| Training and Technology; The Effects of a Manpower Training Program on the Personal Lives of Its Graduates. | | VT 012 536 | 47 |
| VT 012 676 | 61 | New England Labor and the Economy at Year-End 1970. | |
| Rehabilitation Counseling Leadership: Present and Potential. Working Paper No. 5. Career Contingencies of the Rehabilitation Counselor. | | | |
| | | COLLEGE ADMINISTRATION | |
| CHICAGO MODEL CITIES PROGRAM | | VT 012 593 | 54 |
| VT 012 622 | 56 | The Honolulu Conference on Community College Occupational Education. | |
| Indigenous Manpower for Social Planning. Report of a Work Conference (May 1, 1970). | | | |
| | | COLLEGE STUDENTS | |
| CHILD LABOR | | VT 012 462 ED 047 121 | 40 |
| VT 012 848 ED 048 498 | 71 | AN EXPERIMENT TO DETERMINE THE EFFECTS OF IMMEDIATE VERSUS DELAYED KNOWLEDGE OF RESULTS ON INITIAL LEARNING AND RETENTION OF SELECTED RELATED LEARNING IN TRANSCRIPTION CLASSES. | |
| Working Children. A Report on Child Labor. | | | |
| | | COMMUNICATION SKILLS | |
| | | VT 012 057 ED 044 521 | 19 |
| | | THE DEVELOPMENT OF A THEORETICAL CONSTRUCT OF THE CONCEPTS OF TOUCH AS THEY RELATE TO NURSING. FINAL REPORT. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| COMMUNICATIONS | | COMPARATIVE STATISTICS | |
| VT 012 641 | 57 | VT 012 815 ED 048 494 | 68 |
| Collected Papers Prepared Under Work Unit REPAIR: Training of Electronics Maintenance Personnel. | | State Vocational Education Statistics, Fiscal Year 1969. Preliminary Report. | |
| COMMUNITY COLLEGES | | COMPREHENSIVE PROGRAMS | |
| VT 012 169 | 23 | VT 012 087 | 20 |
| Follow-Up Study of the Graduates of the Albuquerque Technical-Vocational Institute. | | Guidelines for Personnel and Program Approval. | |
| VT 012 467 ED 049 359 | 41 | COMPUTER ORIENTED PROGRAMS | |
| Postsecondary Occupational Education Seminar, Federal Programs for the 1970's (Arlington, Virginia, May 10-12, 1970). | | VT 012 114 | 20 |
| VT 012 487 ED 049 360 | 43 | Report of Sixth Vocational Guidance Systems Conference (Villa Park, Illinois, December 19-20, 1969). | |
| Practices and Outcomes of Vocational-Technical Education in Technical and Community Colleges. | | COMPUTER PROGRAMS | |
| VT 012 593 | 54 | VT 012 161 ED (SEE AUG '71 RIE) | 23 |
| The Honolulu Conference on Community College Occupational Education. | | Base Engineer Automated Management System (BEAMS): Implementation/Conversion Team Education. | |
| COMMUNITY DEVELOPMENT | | COMPUTERS | |
| VT 012 713 | 63 | VT 00 597 | 4 |
| Community Development Training Program. | | Communication: Effective Application of Innovative Teaching Media. | |
| COMMUNITY INVOLVEMENT | | CONFERENCE REPORTS | |
| VT 012 369 | 33 | VT 009 597 | 4 |
| Training and Technology; The Effects of a Manpower Training Program on the Personal Lives of Its Graduates. | | Communication: Effective Application of Innovative Teaching Media. | |
| COMMUNITY PROGRAMS | | VT 011 301 ED 041 128 | 9 |
| VT 012 360 ED (SEE AUG '71 RIE) | 32 | NATIONAL CONFERENCE ON THE USE OF AUDIOVISUALS IN MEDICAL EDUCATION, PROCEEDINGS (UNIVERSITY OF ALABAMA MEDICAL CENTER, BIRMINGHAM, AUGUST 6-8, 1969). | |
| Police-Community Relations. | | VT 011 721 ED 042 917 | 12 |
| COMMUNITY SURVEYS | | Report of a Seminar: Process and Techniques of Vocational Curriculum Development, 1970. | |
| VT 012 497 | 44 | VT 011 902 | 13 |
| Special Project for the Implementation of Cooperative Education. | | A Concerned Texas. A Report of the Governor's Conference on Technical-Vocational Education. | |
| COMPARATIVE ANALYSIS | | VT 012 007 | 15 |
| VT 012 311 | 30 | Implementation of Vocational Education in Distribution. | |
| A Comparison of the Self Concept of Vocational and Technical Students. | | VT 012 114 | 20 |
| VT 012 407 | 36 | Report of Sixth Vocational Guidance Systems Conference (Villa Park, Illinois, December 19-20, 1969). | |
| A System for Determining Knowledge Requirements in Electronic Technology. | | VT 012 409 ED 048 459 | 36 |
| VT 012 462 ED 047 121 | 40 | Allied Health Education. Comprehensive Health Services. | |
| AN EXPERIMENT TO DETERMINE THE EFFECTS OF IMMEDIATE VERSUS DELAYED KNOWLEDGE OF RESULTS ON INITIAL LEARNING AND RETENTION OF SELECTED RELATED LEARNING IN TRANSCRIPTION CLASSES. | | VT 012 414 ED 048 461 | 36 |
| VT 012 975 ED 049 390 | 84 | Leadership and Change in Vocational-Technical Education: Administrators' Workshop. | |
| Vocational Education and the Area Schools. A Report to the State of Iowa Office of Planning and Programming. | | VT 012 438 ED (SEE AUG '71 RIE) | 38 |
| | | Research in Agricultural Education Program Beyond High School. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| VT 012 821 ED 049 370 | 70 | COOPERATIVE OCCUPATIONAL PRE TEACHING EXPERIENCE PROGRAM | |
| Manpower Conference on Allied Health Professions Assistants (Buffalo, N.Y., Apr 16-17, 1970). | | VT 011 731 | 12 |
| VT 012 884 ED 048 509 | 76 | Annual Report of COPE (3rd); The Cooperative Occupational Pre-Teaching Experience Program. | |
| Regional Medical Programs National Allied Health Conference. | | | |
| VT 012 890 | 77 | COOPERATIVE PLANNING | |
| Conference Report: Trade and Industrial Education Curriculum Materials (Atlanta, Ga., July 1-2, 1968). | | VT 011 721 ED 042 917 | 12 |
| VT 012 966 ED (SEE AUG '71 RIE) | 83 | Report of a Seminar: Process and Techniques of Vocational Curriculum Development, 1970. | |
| A Workshop for Allied Health Teaching Personnel in Developing Behaviorally-Oriented Learning Materials. | | | |
| CONSTRUCTION INDUSTRY | | COOPERATIVE PROGRAMS | |
| VT 012 586 ED 048 475 | 53 | VT 012 121 | 21 |
| Seasonality and Manpower in Construction. | | Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded (Ohio County). | |
| CONSUMER EDUCATION | | VT 012 131 | 22 |
| VT 012 544 ED 048 470 | 48 | A Two Year Follow-Up of a Cooperative Vocational Rehabilitation Program at Metropolitan State Hospital. | |
| Pilot Pattern for Home Management Instruction in Area Vocational School Curricula. | | VT 012 226 | 27 |
| VT 012 658 ED 048 482 | 58 | The Disadvantaged and Jobs. | |
| Review and Synthesis of Research and Consumer and Homemaking Education. | | VT 012 731 ED 048 491 | 65 |
| | | Resource Manual 71 for the Development of Cooperative Vocational Education Programs Under the Vocational Education Amendments of 1968. | |
| COOPERATIVE CAREER PLANNING | | COORDINATORS | |
| VT 009 922 ED 034 874 | 5 | VT 012 363 | 33 |
| Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development. | | Apprenticeship Coordinators. | |
| COOPERATIVE EDUCATION | | CORRECTIONAL REHABILITATION | |
| VT 006 122 ED (SEE AUG '71 RIE) | 2 | VT 012 115 ED 048 445 | 20 |
| A Comparison of Two Methods of Preparing Youth for Employment: Cooperative Occupational Education Versus the Preparatory Vocational-Technical School. | | Project Crossroads--Phase 1. Final Report. | |
| VT 011 731 | 12 | VT 012 304 ED 048 458 | 30 |
| Annual Report of COPE (3rd); The Cooperative Occupational Pre-Teaching Experience Program. | | The Manhattan Court Employment Project. Summary Report on Phase One. | |
| VT 012 350 | 32 | CORRESPONDENCE STUDY | |
| A Comparative Study of State Vocational Cooperative and Simulated Business and Office Programs. | | VT 012 544 ED 048 470 | 48 |
| VT 012 497 | 44 | Pilot Pattern for Home Management Instruction in Area Vocational School Curricula. | |
| Special Project for the Implementation of Cooperative Education. | | COSMETOLOGY | |
| VT 012 880 ED 048 508 | 76 | VT 012 204 | 25 |
| Cooperative Occupational Education Programs--A Conference Seminar To Extend The Range of Vocational Education. | | Vocational Instructors Workshop in Cosmetology. | |
| VT 012 989 ED 049 392 | 86 | COST EFFECTIVENESS | |
| Employer Preferences and Teacher-Coordinator Practices in Distributive Education. Region V--U.S. Office of Education. | | VT 012 054 ED 048 444 | 18 |
| | | The Cost and Output of Graduate Social Work Education: An Exploratory Study. | |
| | | VT 012 352 ED 045 848 | 32 |
| | | COST-BENEFIT ANALYSIS AND THE ECONOMICS OF INVESTMENT IN HUMAN RESOURCES. AN ANNOTATED BIBLIOGRAPHY. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 468 | 41 | CRAFTSMEN | |
| Door to Opportunity. Title V, Economic Opportunity Act. | | VT 012 548 ED 048 471 | 48 |
| VT 012 616 ED 048 478 | 55 | Black Craftsmen Through History. | |
| Economics of Human Resources: A Bibliography. | | VT 012 888 | 77 |
| VT 012 650 | 58 | National Apprenticeship Policy for Ophthalmic Finisher-Dispenser. | |
| Maintaining Efficient Training Programs for Air Force Technical Specialties. | | CREDIT COURSES | |
| VT 012 942 ED 049 381 | 80 | VT 012 203 | 25 |
| Cost-Benefit Aspects Of Manpower Retraining. | | Vocational Instructors Workshops. Final Descriptive Report. | |
| VT 013 010 ED (SEE AUG '71 RIE) | 87 | CRIMINALS | |
| Training the Poor. A Benefit-Cost Analysis of Manpower Programs in the U.S. Antipoverty Program. | | VT 012 304 ED 048 458 | 30 |
| | | The Manhattan Court Employment Project. Summary Report on Phase One. | |
| COUNSELING | | CRITERIA | |
| VT 011 941 ED 043 778 | 14 | VT 012 454 ED 048 464 | 40 |
| Stimulating Educational Information-Seeking and Changes in Student Attitude Toward Vocational Education by Videotape and Film Presentations. | | A Determination of Selected Criteria to be Utilized in Locating and Establishing Area Vocational Education Schools in Utah. | |
| COUNSELING EFFECTIVENESS | | CULTURALLY DISADVANTAGED | |
| VT 013 018 | 87 | VT 012 226 | 27 |
| The HELP Campaign--An Evaluation. | | The Disadvantaged and Jobs. | |
| COUNSELING SERVICES | | VT 012 413 ED 048 460 | 36 |
| VT 012 487 ED 049 360 | 43 | A Description of Special Vocational Education Programs for Disadvantaged Persons in Pennsylvania. | |
| Practices and Outcomes of Vocational-Technical Education in Technical and Community Colleges. | | VT 012 468 | 41 |
| COUNSELOR PERFORMANCE | | Door to Opportunity. Title V, Economic Opportunity Act. | |
| VT 012 416 | 37 | VT 012 651 ED 048 481 | 58 |
| The Role of the Counselor in Vocational Education. | | A Guide for the Development and Installation of Occupational Training Programs and Services for Disadvantaged and Handicapped Persons. | |
| COUNSELOR TRAINING | | VT 012 675 | 60 |
| VT 012 416 | 37 | Training and Technology: Annual Summary. | |
| The Role of the Counselor in Vocational Education. | | VT 012 713 | 63 |
| COUNSELORS | | Community Development Training Program. | |
| VT 012 416 | 37 | VT 012 715 | 63 |
| The Role of the Counselor in Vocational Education. | | Training and Education of New Careerists in Public Welfare. | |
| COURSE DESCRIPTIONS | | VT 012 855 ED 049 375 | 72 |
| VT 012 534 | 47 | Conference on Upgrading and New Careers. | |
| An Aviation Program--Getting it Off the Ground. | | VT 012 858 ED 048 502 | 73 |
| COURSE OBJECTIVES | | Hiring the Disadvantaged. | |
| VT 011 916 | 13 | VT 012 969 ED 049 389 | 84 |
| Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. | | Proceedings of the Training Institute for Rural Disadvantaged, August 17-21, 1970. | |
| VT 013 020 ED (SEE AUG '71 RIE) | 88 | CULTURE FREE TESTS | |
| Keeping on Course. Report of the 1970 Regional Workshops of the Council of Diploma Programs. | | VT 012 878 ED 048 507 | 76 |
| | | Employment Testing And Minority Groups, As Reported in the Literature. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| CURRENT EVENTS | | CURRICULUM EVALUATION | |
| VT 012 894 | 77 | VT 006 122 ED (SEE AUG '71 RIE) | 2 |
| Agricultural Education: Some Concerns and Comforts. | | A Comparison of Two Methods of Preparing Youth for Employment: Cooperative Occupational Education Versus the Preparatory Vocational-Technical School. | |
| CURRICULUM | | VT 010 482 | 7 |
| VT 012 891 | 77 | Questionnaire for Review of Curricula in Engineering Technology. | |
| Standard Terminology For Curriculum and Instruction In Local and State School Systems. | | VT 010 483 | 7 |
| CURRICULUM DESIGN | | Manual of Evaluation Procedures and Instructions. | |
| VT 012 811 ED 048 492 | 68 | VT 012 669 ED (SEE AUG '71 RIE) | 60 |
| Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. Project ABLE, Final Report. | | Section Report on Dental Assistant. An Exploratory Study to Analyze New Skill Content in Selected Occupations in Michigan and the Mechanism for its Translation into Vocational Education Curricula. | |
| VT 012 913 | 79 | VT 012 811 ED 048 492 | 68 |
| Feasibility Study of Career Ladder Curriculum and Guidance and Counseling. | | Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. Project ABLE, Final Report. | |
| CURRICULUM DEVELOPMENT | | CURRICULUM PROBLEMS | |
| VT 011 721 ED 042 917 | 12 | VT 012 755 | 66 |
| Report of a Seminar: Process and Techniques of Vocational Curriculum Development, 1970. | | Emerging Patterns. Academic and Industrial Approaches to Education, Training and Manpower Development in Graphic Communications. | |
| VT 012 007 | 15 | CURRICULUM RESEARCH | |
| Implementation of Vocational Education in Distribution. | | VT 011 721 ED 042 917 | 12 |
| VT 012 346 | 31 | Report of a Seminar: Process and Techniques of Vocational Curriculum Development, 1970. | |
| The Development of a Procedure for Continuous Evaluation of the Green River High School Business Education Program. | | VT 011 916 | 13 |
| VT 012 407 | 36 | Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. | |
| A System for Determining Knowledge Requirements in Electronic Technology. | | VT 013 009 ED (SEE AUG '71 RIE) | 86 |
| VT 012 417 ED 049 358 | 37 | A Research and Development Project in Occupational Education: The Development of Process Models for Decision-Making in Curriculum Development and Evaluation. | |
| An Investigation of the Effectiveness of a Design to Initiate Curriculum Change in Home Economics. Pilot Study: Phase 1. | | DATA COLLECTION | |
| VT 012 618 ED 049 361 | 55 | VT 011 744 | 12 |
| A Comprehensive Orientation to the World of Work through Industrial Arts and Vocational Education (Grades 1-12). | | The Professor of Agriculture: His Response to Questionnaire. | |
| VT 013 009 ED (SEE AUG '71 RIE) | 86 | VT 012 818 ED 048 496 | 69 |
| A Research and Development Project in Occupational Education: The Development of Process Models for Decision-Making in Curriculum Development and Evaluation. | | Project "Follow-Up." Interim Report. | |
| VT 013 020 ED (SEE AUG '71 RIE) | 88 | DEAF | |
| Keeping on Course. Report of the 1970 Regional Workshops of the Council of Diploma Programs. | | VT 012 208 | 25 |
| VT 013 051 ED (SEE AUG '71 RIE) | 88 | The Development of Measures of Vocational Interests and Relevant Aptitudes for the Deaf. Final Draft. | |
| Vocational Education: Today and Tomorrow. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| DECISION MAKING | | VT 012 139 | 23 |
| VT 012 054 | 18 | ED (SEE AUG '71 RIE) | |
| The Cost and Output of Graduate | | Annual Review of Selected | |
| Social Work Education: An | | Developments; Agricultural | |
| Exploratory Study. | | Education and Training. | |
| VT 012 076 | 69 | VT 012 155 | 23 |
| Mathematical Models in Education | | Technical Education and Industrial | |
| and Training. | | Training. | |
| VT 013 009 | 86 | DIFFERENTIATED STAFFS | |
| A Research and Development Project | | VT 012 939 | 80 |
| in Occupational Education: The | | ED (SEE AUG '71 RIE) | |
| Development of Process Models for | | SUM (Service Unit Management): An | |
| Decision-Making in Curriculum | | Organizational Approach to Improved | |
| Development and Evaluation. | | Patient Care. | |
| DEFINITIONS | | DIRECTORIES | |
| VT 012 891 | 77 | VT 009 178 | 4 |
| Standard Terminology For Curriculum | | Ohio Employment Information Series: | |
| and Instruction In Local and State | | Part II, Training Directory, 1969. | |
| School Systems. | | VT 012 183 | 24 |
| VT 012 910 | 79 | 1970-71 Directory of Post-Secondary | |
| ED 048 512 | | Education in Agricultural and | |
| Vocational-Technical Terminology. | | Natural Resource Occupations. | |
| DEMOGRAPHY | | VT 012 387 | 34 |
| VT 012 184 | 24 | Ohio Schools of Nursing Notebook | |
| ED 048 450 | | for School Counselors. | |
| Underemployment Estimates by | | VT 012 984 | 85 |
| County, United States, 1960. | | ED (SEE AUG '71 RIE) | |
| VT 012 376 | 33 | Directory of Approved Allied | |
| A Study of Vocational Education in | | Medical Educational Programs, 1971. | |
| the Muscle Shoals Region. | | DISADVANTAGED GROUPS | |
| VT 012 481 | 43 | VT 011 471 | 9 |
| Arizona Basic Economic and Manpower | | ED (SEE AUG '71 RIE) | |
| Data. | | Industry Hiring Requirements and | |
| VT 012 586 | 53 | the Employment of Disadvantaged | |
| ED 048 475 | | Groups. | |
| Seasonality and Manpower in | | VT 012 273 | 29 |
| Construction. | | Public Employment and the | |
| VT 012 856 | 73 | Disadvantaged: An Annotated | |
| ED 049 376 | | Bibliography. | |
| Years for Decision: A Longitudinal | | DISADVANTAGED YOUTH | |
| Study of the Educational and Labor | | VT 011 375 | 9 |
| Market Experience of Young Women. | | ED (SEE AUG '71 RIE) | |
| VT 012 861 | 73 | Graduate, Then What--Jobs in | |
| The Michigan Manpower Study, | | Health. | |
| Summary Report. | | VT 012 011 | 16 |
| DEMONSTRATION PROGRAMS | | ED (SEE AUG '71 RIE) | |
| VT 012 011 | 16 | Project BUILD, A Manpower | |
| ED (SEE AUG '71 RIE) | | Demonstration Program: February, | |
| Project BUILD, A Manpower | | 1968-March, 1969. | |
| Demonstration Program: February, | | VT 012 116 | 21 |
| 1968-March, 1969. | | ED 048 446 | |
| DEMONSTRATION PROJECTS | | A Job Placement and Group | |
| VT 012 694 | 62 | Vocational Guidance Program for | |
| ED 048 485 | | Culturally Deprived High School | |
| Rehabilitation Research and | | Youth. Phase I, | |
| Demonstration Projects, 1955-1970. | | VT 012 560 | 50 |
| DENTAL ASSISTANTS | | ED 048 474 | |
| VT 012 669 | 60 | Vocational Education Programs for | |
| ED (SEE AUG '71 RIE) | | Special Needs Students in Secondary | |
| Section Report on Dental Assistant. | | Schools of Mississippi. | |
| An Exploratory Study to Analyze New | | VT 012 728 | 65 |
| Skill Content in Selected | | ED 048 490 | |
| Occupations in Michigan and the | | The Enrollment Rates, Dropout Rates | |
| Mechanism for its Translation into | | and Economic Benefits That | |
| Vocational Education Curricula. | | Characterize the Experience of the | |
| DEVELOPING NATIONS | | Disadvantaged in Oklahoma's | |
| VT 011 963 | 14 | Occupational Training. | |
| ED 043 783 | | DISTRIBUTIVE EDUCATION | |
| Factors Associated with the | | VT 012 007 | 15 |
| Migration of High-Level Persons | | Implementation of Vocational | |
| from the Philippines to the U.S.A.. | | Education in Distribution. | |
| | | VT 012 628 | 56 |
| | | Self Evaluation. | |

SUBJECT AND IDENTIFIJ INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| VT 012 989 ED 049 392 | 86 | ECONOMIC DEVELOPMENT | |
| Employer Preferences and | | VT 012 155 | 23 |
| Teacher-Coordinator Practices in | | Technical Education and Industrial | |
| Distributive Education. Region | | Training. | |
| V--U.S. Office of Education. | | | |
| DOCTORAL THESES | | ECONOMIC FACT | |
| VT 012 445 ED 047 117 | 39 | VT 012 127 ED 048 447 | 21 |
| COMPARISON OF CERTAIN ABILITIES | | The Elasticity of Substitution of | |
| NEEDED BY WORKERS IN LICENSED | | White for Nonwhite Labor. | |
| NURSERIES AND LICENSED ORNAMENTAL | | VT 012 452 ED 048 463 | 39 |
| HORTICULTURE BUSINESSES. | | Racial Discrimination in the Job | |
| VT 012 585 ED 047 152 | 53 | Market: The Role of Information and | |
| FORMER SERVICEMEN OF THE ARMY | | Search. | |
| MEDICAL DEPARTMENT: A PROFILE AND | | VT 012 469 ED 048 466 | 42 |
| ASSESSMENT OF AN UNTAPPED RESOURCE | | An Econometric Model for | |
| OF ALLIED HEALTH MANPOWER. HEALTH | | Forecasting Income and Employment | |
| CARE RESEARCH SERIES, NO. 14. | | in Hawaii. | |
| VT 012 904 ED 049 379 | 78 | ECONOMIC OPPORTUNITIES | |
| Interaction Patterns of Industrial | | VT 012 728 ED 048 490 | 65 |
| Arts Teachers in Laboratory Type | | The Enrollment Rates, Dropout Rates | |
| Situations at the Junior High | | and Economic Benefits That | |
| School Level. | | Characterize the Experience of the | |
| VT 012 983 ED 049 391 | 85 | Disadvantaged in Oklahoma's | |
| Summaries of Studies in Industrial | | Occupational Training. | |
| Arts, Trade Industrial, and | | | |
| Technical Education for 1930- | | ECONOMIC OPPORTUNITY ACT | |
| Supplement. | | VT 012 468 | 41 |
| DRAFTSMEN | | Door to Opportunity. Title V, | |
| VT 012 514 | 45 | Economic Opportunity Act. | |
| Geographic-Job Mobility of the | | | |
| Pennsylvania State University | | ECONOMIC PROGRESS | |
| Two-Year Technician Graduates. | | VT 012 617 ED 048 479 | 55 |
| | | Patterns of U.S. Economic Growth, | |
| | | 1980 Projections. | |
| DROPOUT PROGRAMS | | | |
| VT 013 054 ED 049 395 | 88 | ECONOMIC RESEARCH | |
| Development of a Plan to Improve | | VT 012 300 | 30 |
| the Personalized Instruction | | Internal Labor Markets and Manpower | |
| Program at Vocational Village. | | Analysis. | |
| Final Report. | | VT 012 352 ED 045 848 | 32 |
| | | COST-BENEFIT ANALYSIS AND THE | |
| DROPOUT RATE | | ECONOMICS OF INVESTMENT IN HUMAN | |
| VT 012 728 ED 048 490 | 65 | RESOURCES. AN ANNOTATED | |
| The Enrollment Rates, Dropout Rates | | BIBLIOGRAPHY. | |
| and Economic Benefits That | | VT 012 452 ED 048 463 | 39 |
| Characterize the Experience of the | | Racial Discrimination in the Job | |
| Disadvantaged in Oklahoma's | | Market: The Role of Information and | |
| Occupational Training. | | Search. | |
| | | VT 012 602 ED 048 477 | 54 |
| ECONOMIC CHANCE | | Manpower Research Projects Through | |
| VT 012 443 ED 047 116 | 38 | June 30, 1970. | |
| AUTOMATION AND SOCIETY. THE | | VT 012 617 ED 048 479 | 55 |
| GEORGIA-RELIANCE SYMPOSIUM. | | Patterns of U.S. Economic Growth, | |
| | | 1980 Projections. | |
| ECONOMIC CLIMATE | | | |
| VT 012 376 | 33 | ECONOMIC STATUS | |
| A Study of Vocational Education in | | VT 012 825 ED 049 371 | 71 |
| the Muscle Shoals Region. | | Women--Their Social and Economic | |
| VT 012 481 | 43 | Status. Selected References. | |
| Arizona Basic Economic and Manpower | | | |
| Data. | | ECONOMICALLY DISADVANTAGED | |
| VT 012 536 | 47 | VT 012 295 ED 048 456 | 30 |
| New England Labor and the Economy | | Urban Poverty and Labor Force | |
| at Year-End 1970. | | Participation (and Comment). | |
| VT 012 613 | 54 | | |
| Four Corners Regional Project for | | | |
| Vocational Education in Arizona. | | | |
| Final Report. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|--------------------------------|---|----------------|
| VT 012 471 Occupational and Educational Projections of Deep-South Delinquent and Non-Delinquent Black Males. | 42 | EDUCATIONAL COORDINATION VT 012 155 Technical Education and Industrial Training. | 23 |
| ECONOMICS VT 012 507 A Report of the National Center for World-of-Work Economic Education Programs. | 45 | EDUCATIONAL DEMAND VT 012 856 ED 049 376 Years for Decision: A Longitudinal Study of the Educational and Labor Market Experience of Young Women. | 73 |
| EDUCABLE MENTALLY HANDICAPPED VT 012 262 The Effect of Industrial Education on Educable Mental Retardates Entering the Labor Force. | 28 | EDUCATIONAL DEVELOPMENT VT 012 659 ED 047 161 IMPROVEMENT AND DEVELOPMENT OF THE ORGANIZATION AND ADMINISTRATION OF VOCATIONAL-TECHNICAL EDUCATION. FINAL REPORT. | 59 |
| EDUCATION VT 012 868 Potential Lifetime Earnings Based on Job Classifications and Formal Education. Final Report. | 75 | EDUCATIONAL ENVIRONMENT VT 012 819 ED 049 369 Incidence of Geographic and Occupational Mobility Among Certified Electronic Technicians in the Middle Atlantic States. | 69 |
| EDUCATION SERVICE CENTERS VT 012 507 A Report of the National Center for World-of-Work Economic Education Programs. | 45 | EDUCATIONAL FINANCE VT 012 396 Financing Occupational Education in New York State. VT 012 721 ED 048 489 National Advisory Council on Vocational Education. Fourth Report. | 35 64 |
| EDUCATIONAL ADMINISTRATION VT 012 334 First Annual Report of the Arizona State Advisory Council for Vocational Education. VT 012 659 ED 047 161 IMPROVEMENT AND DEVELOPMENT OF THE ORGANIZATION AND ADMINISTRATION OF VOCATIONAL-TECHNICAL EDUCATION. FINAL REPORT. VT 012 816 ED 049 368 Mathematical Models in Education and Training. | 31 59 69 | EDUCATIONAL GUIDANCE VT 012 705 ED 048 487 Testing of the Guidance Program. Project ABLE; Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. | 62 |
| EDUCATIONAL CHANGE VT 008 440 ED 033 194 POLYTECHNICAL EDUCATION IN THE U.S. L.R. MONOGRAPHS ON EDUCATION-III. VT 009 922 ED 034 874 Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development. VT 012 414 ED 048 461 Leadership and Change in Vocational-Technical Education: Administrators' Workshop. VT 012 505 Implementing Evaluation Findings. VT 012 620 ED 048 480 Career Education Now. VT 012 880 ED 048 508 Cooperative Occupational Education Programs--A Conference Seminar To Extend The Range of vocational Education. | 4 5 36 45 55 76 | EDUCATIONAL IMPROVEMENT VT 012 653 Summary 1969-1970. VT 012 659 ED 047 161 IMPROVEMENT AND DEVELOPMENT OF THE ORGANIZATION AND ADMINISTRATION OF VOCATIONAL-TECHNICAL EDUCATION. FINAL REPORT. EDUCATIONAL INNOVATION VT 012 693 Work Oriented Curriculum Project. EDUCATIONAL NEEDS VT 012 224 Report of the Minnesota State Advisory Council for Vocational Education--1970. VT 012 442 Foremen in Indiana Industries; Their Characteristics, Job Functions, and Educational Requirements. | 58 59 62 |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| VT 012 498 | 44 | EDUCATIONAL PHILOSOPHY | |
| Knowledges and Skills Needed by | | VT 007 470 | 3 |
| Employees in Agricultural Supply | | The Development of a Total Program | |
| Businesses: A Cooperative and | | of Education for the World of Work. | |
| Factor Analytic Study. | | Part I: Rationale and Proposal for | |
| VT 012 538 ED 047 143 | 47 | Involvement of Schools. | |
| A NEW ROLE FOR INDUSTRIAL ARTS IN | | VT 012 894 | 77 |
| THE SENIOR HIGH SCHOOL. | | Agricultural Education: Some | |
| VT 012 613 | 54 | Concerns and Comforts. | |
| Four Corners Regional Project for | | | |
| Vocational Education in Arizona. | | EDUCATIONAL PLANNING | |
| Final Report. | | VT 001 874 | 2 |
| VT 012 620 ED 043 480 | 55 | Practical Nursing Education. A | |
| Career Education Now. | | Guide to the Improvement of | |
| VT 012 665 ED 048 484 | 59 | Classroom Teaching and Testing. | |
| Education in a Technological | | VT 012 721 ED 048 489 | 64 |
| Society. | | National Advisory Council on | |
| VT 012 677 ED (SEE AUG '71 RIE) | 61 | Vocational Education. Fourth | |
| Measurement of the Agricultural | | Report. | |
| Resources Role in Southern Illinois | | VT 012 816 ED 049 368 | 69 |
| Agricultural Education. | | Mathematical Models in Education | |
| VT 012 718 | 63 | and Training. | |
| Preparation for Law Enforcement. | | | |
| VT 012 767 | 67 | EDUCATIONAL PRACTICE | |
| The Seventies--Education and | | VT 012 337 | 31 |
| Change. | | Testing and Grading Practices and | |
| VT 012 859 ED 049 377 | 73 | Opinions of Secondary Teachers in | |
| A Study of the Need for Pedagogical | | Business and Distributive | |
| Training as Perceived by the Staff | | Education. | |
| of the Alberta Institutes of | | VT 012 989 ED 049 392 | 86 |
| Technology. | | Employer Preferences and | |
| VT 012 861 | 73 | Teacher-Coordinator Practices in | |
| The Michigan Manpower Study, | | Distributive Education. Region | |
| Summary Report. | | V--U.S. Office of Education. | |
| VT 012 955 ED 049 383 | 81 | | |
| The Role of Texas' Secondary | | EDUCATIONAL PROBLEMS | |
| Schools in the Preparation of Youth | | VT 012 721 ED 048 477 | 64 |
| for Employment. | | National Advisory Council on | |
| VT 012 975 ED 049 390 | 84 | Vocational Education. Fourth | |
| Vocational Education and the Area | | Report. | |
| Schools. A Report to the State or | | VT 013 051 ED (SEE AUG '71 RIE) | 88 |
| Iowa Office of Planning and | | Vocational Education: Today and | |
| Programming. | | Tomorrow. | |
| VT 013 051 ED (SEE AUG '71 RIE) | 88 | | |
| Vocational Education: Today and | | EDUCATIONAL PROFESSIONS DEVELOPMENT | |
| Tomorrow. | | ACT | |
| EDUCATIONAL OBJECTIVES | | VT 012 763 ED 049 363 | 66 |
| VT 007 470 | 3 | Tufts University Summer Guidance | |
| The Development of a Total Program | | Institute on the Utilization of | |
| of Education for the World of Work. | | Occupational Education and | |
| Part I: Rationale and Proposal for | | Placement (Medford, Mass., Jul | |
| Involvement of Schools. | | 20-31, 1970). Final Report. | |
| VT 012 620 ED 048 480 | 55 | | |
| Career Education Now. | | EDUCATIONAL PROGRAMS | |
| VT 012 817 ED 048 495 | 69 | VT 012 413 ED 048 460 | 36 |
| Project SUCCESS: Student Upward | | A Description of Special Vocational | |
| Challenges in Comprehensive | | Education Programs for | |
| Exemplary Secondary Schools, School | | Disadvantaged Persons in | |
| Year 1969-70. Final Report. | | Pennsylvania. | |
| EDUCATIONAL OPPORTUNITIES | | VT 012 623 | 56 |
| VT 012 951 ED (SEE AUG '71 RIE) | 81 | Mental Health Worker Career Series. | |
| Vocational Education: Innovations | | VT 012 713 | 63 |
| Revolutionize Career Training. | | Community Development Training | |
| Education U.S.A. Special Report. | | Program. | |
| | | VT 012 951 ED (SEE AUG '71 RIE) | 81 |
| | | Vocational Education: Innovations | |
| | | Revolutionize Career Training. | |
| | | Education U.S.A. Special Report. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 964 ED 049 387 | 83 | VT 012 793 ED 049 365 | 67 |
| Development of Educational Programs for New Careers in Recreation Services for the Disabled. | | Summaries of Studies in Agricultural Education in the Philippines, 1930-1950. An Annotated Bibliography. | |
| VT 012 984 ED (SEE AUG '71 RIE) | 85 | VT 012 795 ED 049 366 | 67 |
| Directory of Approved Allied Medical Educational Programs, 1971. | | Summaries of Studies in Agricultural Education in the Philippines, 1960-1968. An Annotated Bibliography. | |
| VT 012 985 ED (SEE AUG '71 RIE) | 85 | VT 012 810 ED 049 367 | 68 |
| Training of Health Service Personnel in the Veterans' Administration. | | A Compilation of Resource Lists for Vocational Educators: An Annotated Bibliography of Bibliographies in Vocational Education, 1960-1969. | |
| EDUCATIONAL RADIO | | VT 012 961 ED 048 516 | 82 |
| VT 011 375 ED (SEE AUG '71 RIE) | 9 | Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970. | |
| Graduate, Then What--Jobs in Health. | | VT 012 962 ED 049 385 | 82 |
| EDUCATIONAL RESEARCH | | Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970. | |
| VT 011 744 | 12 | EDUCATIONAL RESOURCES | |
| The Professor of Agriculture: His Response to Questionnaire. | | VT 012 735 | 66 |
| VT 011 916 | 13 | Aerospace Education Resource Conference. | |
| Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. | | EDUCATIONAL RESPONSIBILITY | |
| VT 012 385 ED 047 110 | 34 | VT 012 620 ED 048 480 | 55 |
| SUMMARIES OF STUDIES IN AGRICULTURAL EDUCATION, PACIFIC REGION, 1969-70. AN ANNOTATED BIBLIOGRAPHY. | | Career Education Now. | |
| VT 012 417 ED 049 358 | 37 | VT 012 665 ED 048 484 | 59 |
| An Investigation of the Effectiveness of a Design to Initiate Curriculum Change in Home Economics. Pilot Study: Phase 1. | | Education in a Technological Society. | |
| VT 012 438 ED (SEE AUG '71 RIE) | 38 | VT 012 735 | 66 |
| Research in Agricultural Education Program Beyond High School. | | Aerospace Education Resource Conference. | |
| VT 012 454 ED 048 464 | 40 | EDUCATIONAL SOCIOLOGY | |
| A Determination of Selected Criteria to be Utilized in Locating and Establishing Area Vocational Education Schools in Utah. | | VT 012 676 | 61 |
| VT 012 515 | 46 | Rehabilitation Counseling Leadership: Present and Potential. Working Paper No. 5. Career Contingencies of the Rehabilitation Counselor. | |
| Process Evaluation of Vocational Education. Review and Synthesis of Selected "Research in Education" Documents January 1, 1968 to August 31, 1970. | | EDUCATIONAL STATUS COMPARISON | |
| VT 012 568 ED 047 150 | 50 | VT 012 975 ED 049 390 | 84 |
| RESEARCH VISIBILITY: VOCATIONAL EDUCATION RESEARCH. | | Vocational Education and the Area Schools. A Report to the State of Iowa Office of Planning and Programming. | |
| VT 012 571 | 51 | EDUCATIONALLY DISADVANTAGED | |
| Effectiveness of Skill Sheets and Demonstration Group Size for Instruction in Agricultural Mechanics. | | VT 012 017 ED 048 480 | 16 |
| VT 012 573 | 52 | Skill Upgrading in the Integrated. | |
| Effectiveness of Prepared Instructional Units to Teach the Principles of Internal Combustion Engine Operation and Maintenance. | | VT 012 126 ED 048 480 | 16 |
| VT 012 720 ED 048 488 | 64 | Career Mobility for Paraprofessionals in Human Service Agencies. | |
| Research Visibility: Research and Evaluation. | | VT 012 366 ED 049 357 | 33 |
| | | New Careers for the Subprofessional. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| VT 012 463 ED 048 465 | 40 | ELEMENTARY GRADES | |
| A Study of Career Ladders and Manpower Development for Non-Management Personnel in the Food Service Industry. | | VT 011 856 | 13 |
| EFFECTIVE TEACHING | | Annotated Bibliography of Publications and Reports of Research Dealing with the Interpretation of the "World of Work" to Elementary Children. | |
| VT 001 874 | 2 | VT 012 818 ED 049 361 | 55 |
| Practical Nursing Education. A Guide to the Improvement of Classroom Teaching and Testing. | | A Comprehensive Orientation to the World of Work through Industrial Arts and Vocational Education (Grades 1-12). | |
| VT 012 859 ED 049 377 | 73 | EMERGENCY SQUAD PERSONNEL | |
| A Study of the Need for Pedagogical Training as Perceived by the Staff of the Alberta Institutes of Technology. | | VT 012 663 | 59 |
| ELECTRICITY | | Rules and Regulations Governing Ambulance Service. | |
| VT 012 853 ED 048 500 | 72 | EMPLOYEE ATTITUDES | |
| A Comparison of Student-Designed-Circuit and Predesigned-Circuit Analysis Methods for College Students' Electricity Laboratory Experience. | | VT 012 976 ED (SEE AUG '71 RIE) | 84 |
| ELECTRONIC CONTROL | | Bridging the Gap, An Independent Case Study. | |
| VT 012 259 | 28 | EMPLOYER ATTITUDES | |
| Outlook for Computer Process Control: Manpower Implications in Process Industries. | | VT 012 035 | 17 |
| ELECTRONIC TECHNICIANS | | Apprenticeship Survey. | |
| VT 012 407 | 36 | VT 012 989 ED 049 392 | 86 |
| A System for Determining Knowledge Requirements in Electronic Technology. | | Employer Preferences and Teacher-Coordinator Practices in Distributive Education. Region V--U.S. Office of Education. | |
| VT 012 514 | 45 | EMPLOYMENT LEVEL | |
| Geographic-Job Mobility of the Pennsylvania State University Two-Year Technician Graduates. | | VT 012 299 ED 048 456 | 30 |
| VT 012 819 ED 049 369 | 59 | Urban Poverty and Labor Force Participation (and Comment). | |
| Incidence of Geographic and Occupational Mobility Among Certified Electronic Technicians in the Middle Atlantic States. | | VT 012 469 ED 048 466 | 42 |
| ELECTRONICS | | An Econometric Model for Forecasting Income and Employment in Hawaii. | |
| VT 010 912 | 8 | VT 012 536 | 47 |
| The Development and Evaluation of an Improved Electronics Troubleshooting Manual. | | New England Labor and the Economy at Year-End 1970. | |
| VT 012 555 ED 048 472 | 49 | EMPLOYMENT OPPORTUNITIES | |
| Instructional Systems Study, Electronics Technology. | | VT 011 471 ED (SEE AUG '71 RIE) | 9 |
| VT 012 853 ED 048 500 | 72 | Industry Hiring Requirements and the Employment of Disadvantaged Groups. | |
| A Comparison of Student-Designed-Circuit and Predesigned-Circuit Analysis Methods for College Students' Electricity Laboratory Experience. | | VT 012 249 ED 048 454 | 27 |
| ELECTRONICS TROUBLESHOOTING MANUAL | | New Workers in the Banking Industry: A Minority Report. | |
| VT 010 912 | 8 | VT 012 273 | 29 |
| The Development and Evaluation of an Improved Electronics Troubleshooting Manual. | | Public Employment and the Disadvantaged: An Annotated Bibliography. | |
| | | VT 012 528 | 46 |
| | | Occupational and Technical Education Needs of Business and Industrial Firms of the Big Horn Basin. | |
| | | VT 012 677 ED (SEE AUG '71 RIE) | 61 |
| | | Measurement of the Agricultural Resources Role in Southern Illinois Agricultural Education. | |
| | | VT 012 858 ED 040 502 | 73 |
| | | Hiring the Disadvantaged. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| VT 012 914 | 79 | VT 012 590 | 54 |
| Summer Employment of Ontario | | ED 048 476 | |
| Secondary School Students, 1969. | | Water-Resources Manpower: Supply | |
| | | and Demand Patterns to 1980. | |
| EMPLOYMENT PATTERNS | | VT 012 617 | 55 |
| VT 009 757 | 5 | ED 048 479 | |
| Graduate Follow Up; Statistical | | Patterns of U.S. Economic Growth, | |
| Data on Connecticut Students | | 1980 Projections. | |
| Completing Vocational Programs in | | VT 012 775 | 67 |
| 1968. | | ED 049 364 | |
| VT 012 704 | 62 | The Technical Manpower Shortage: | |
| ED 048 486 | | How Acute? A Chart Essay. | |
| Negro Employment in the South. | | VT 012 861 | 73 |
| Volume I: The Houston Labor Market. | | The Michigan Manpower Study, | |
| VT 012 914 | 79 | Summary Report. | |
| Summer Employment of Ontario | | | |
| Secondary School Students, 1969. | | EMPLOYMENT QUALIFICATIONS | |
| | | VT 011 471 | 9 |
| EMPLOYMENT POTENTIAL | | ED (SEE AUG '71 RIE) | |
| VT 012 130 | 22 | Industry Hiring Requirements and | |
| A Survey of Physically and Mentally | | the Employment of Disadvantaged | |
| Handicapped Welfare Recipients Who | | Groups. | |
| Have Vocational Rehabilitation | | VT 012 498 | 44 |
| Potential. | | Knowledges and Skills Needed by | |
| VT 012 868 | 75 | Employees in Agricultural Supply | |
| Potential Lifetime Earnings Based | | Businesses: A Cooperative and | |
| on Job Classifications and Formal | | Factor Analytic Study. | |
| Education. Final Report. | | VT 012 640 | 56 |
| | | Jobs in the Plastics Industry. | |
| EMPLOYMENT PRACTICES | | Series 1100-6-70. | |
| VT 012 908 | 78 | VT 012 671 | 60 |
| The Law Against Age Discrimination | | ED (SEE AUG '71 RIE) | |
| in Employment. | | Section Report on Licensed | |
| | | Practical Nurse. An Exploratory | |
| EMPLOYMENT PROBLEMS | | Study to Analyze New Skill Content | |
| VT 011 746 | 12 | in Selected Occupations in Michigan | |
| ED (SEE AUG '71 RIE) | | and the Mechanism for Its | |
| Manpower Report of the President. | | Translation into Vocational | |
| Message from the President of the | | Education Curricula. | |
| United States Transmitting an | | VT 012 704 | 62 |
| Annual Report on the Progress of | | ED 048 486 | |
| Manpower Programs. | | Negro Employment in the South. | |
| VT 012 559 | 50 | Volume I: The Houston Labor Market. | |
| ED 048 473 | | VT 012 908 | 78 |
| Blacks in the Construction Trades | | The Law Against Age Discrimination | |
| and Effect on Connecticut Economy. | | in Employment. | |
| VT 012 586 | 53 | | |
| ED 048 475 | | EMPLOYMENT SERVICES | |
| Seasonality and Manpower in | | VT 012 115 | 20 |
| Construction. | | ED 048 445 | |
| VT 012 858 | 73 | Project Crossroads--Phase 1. Final | |
| ED 048 502 | | Report. | |
| Hiring the Disadvantaged. | | | |
| | | EMPLOYMENT STATISTICS | |
| EMPLOYMENT PROGRAMS | | VT 008 017 | 3 |
| VT 012 029 | 17 | Manpower Directions in New York | |
| ED 048 441 | | State, 1965-1975. Job Requirements | |
| Worker Relocation: A Review of U.S. | | and Labor Force. Volume II. | |
| Department of Labor Mobility | | VT 011 993 | 15 |
| Demonstration Projects. | | ED 048 438 | |
| VT 012 205 | 25 | Background Facts on Women Workers | |
| Business Office Culture Project. | | in the United States. | |
| VT 012 833 | 71 | VT 012 184 | 24 |
| ED 049 372 | | ED 048 450 | |
| Employment Contexts and | | Underemployment Estimates by | |
| Disadvantaged Workers. Phase 1, | | County, United States, 1960. | |
| Final Report. | | VT 012 481 | 43 |
| VT 012 855 | 72 | Arizona Basic Economic and Manpower | |
| ED 049 375 | | Data. | |
| Conference on Upgrading and New | | VT 012 508 | 45 |
| Careers. | | Occupational Employment Statistics, | |
| | | 1960-67. | |
| EMPLOYMENT PROJECTIONS | | VT 012 586 | 53 |
| VT 008 017 | 3 | ED 048 475 | |
| Manpower Directions in New York | | Seasonality and Manpower in | |
| State, 1965-1975. Job Requirements | | Construction. | |
| and Labor Force. Volume II. | | VT 012 704 | 62 |
| | | ED 048 486 | |
| | | Negro Employment in the South. | |
| | | Volume I: The Houston Labor Market. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 848 ED 048 498 | 71 | ENROLLMENT RATE | |
| Working Children. A Report on Child Labor. | | VT 012 728 ED 048 490 | 65 |
| VT 012 925 ED 049 380 | 79 | The Enrollment Rates, Dropout Rates and Economic Benefits That Characterize the Experience of the Disadvantaged in Oklahoma's Occupational Training. | |
| Major Programs 1970 Bureau of Labor Statistics. | | | |
| EMPLOYMENT TRENDS | | ENTRY WORKERS | |
| VT 008 016 | 3 | VT 012 017 ED 048 439 | 16 |
| Manpower Directions in New York State, 1965-1975. Volume I. | | Skill Upgrading, Incorporated. | |
| VT 011 111 ED (SEE AUG '71 RIE) | 8 | VT 012 291 | 29 |
| Automation and Women Workers. | | The American Telephone and Telegraph. | |
| VT 012 099 | 20 | | |
| Technicians in Non-Electrical Plant and Machinery Manufacture. | | EQUAL OPPORTUNITIES (JOBS) | |
| VT 012 386 | 34 | VT 012 517 ED 048 468 | 46 |
| Supply and Demand for Teachers of Vocational Agriculture in 1970. | | Manpower Services to Minority Groups: A Desk Reference for ES Personnel. | |
| VT 012 466 | 41 | VT 012 908 | 78 |
| The 1969 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | | The Law Against Age Discrimination in Employment. | |
| VT 012 508 | 45 | | |
| Occupational Employment Statistics, 1960-67. | | EQUIPMENT EVALUATION | |
| VT 012 540 | 47 | VT 010 912 | 8 |
| The 1970 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | | The Development and Evaluation of an Improved Electronics Troubleshooting Manual. | |
| ENGINEERING TECHNICIANS | | | |
| VT 012 819 ED 049 369 | 69 | EQUIPMENT MAINTENANCE | |
| Incidence of Geographic and Occupational Mobility Among Certified Electronic Technicians in the Middle Atlantic States. | | VT 012 641 | 57 |
| ENGINEERING TECHNOLOGY | | Collected Papers Prepared Under Work Unit REPAIR: Training of Electronics Maintenance Personnel. | |
| VT 010 482 | 7 | | |
| Questionnaire for Review of Curricula in Engineering Technology. | | ETHNIC GROUPS | |
| VT 010 483 | 7 | VT 011 941 ED 043 778 | 14 |
| Manual of Evaluation Procedures and Instructions. | | Stimulating Educational Information-Seeking and Changes in Student Attitude Toward Vocational Education by Videotape and Film Presentations. | |
| ENGINEERS | | | |
| VT 012 570 | 51 | EVALUATION | |
| Education for Safer Agriculture. | | VT 012 515 | 46 |
| ENGINES | | Process Evaluation of Vocational Education. Review and Synthesis of Selected "Research in Education" Documents January 1, 1968 to August 31, 1970. | |
| VT 012 573 | 52 | VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| Effectiveness of Prepared Instructional Units to Teach the Principles of Internal Combustion Engine Operation and Maintenance. | | Development and Use of Subject Matter Materials for Vocational Education in Agriculture. | |
| ENLISTED MEN | | EVALUATION CRITERIA | |
| VT 012 585 ED 047 152 | 53 | VT 012 659 ED 047 161 | 59 |
| FORMER SERVICEMEN OF THE ARMY MEDICAL DEPARTMENT; A PROFILE AND ASSESSMENT OF AN UNTAPPED RESOURCE OF ALLIED HEALTH MANPOWER. HEALTH CARE RESEARCH SERIES, NO. 14. | | IMPROVEMENT AND DEVELOPMENT OF THE ORGANIZATION AND ADMINISTRATION OF VOCATIONAL-TECHNICAL EDUCATION. FINAL REPORT. | |
| VT 012 650 | 58 | VT 013 010 ED (SEE AUG '71 RIE) | 87 |
| Maintaining Efficient Training Programs for Air Force Technical Specialties. | | Training the Poor. A Benefit-Cost Analysis of Manpower Programs in the U.S. Antipoverty Program. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| EVALUATION TECHNIQUES | | FARMERS | |
| VT 010 483 | 7 | VT 012 056 ED (SEE AUG '71 RIE) | 19 |
| Manual of Evaluation Procedures and Instructions. | | Our 31,000 Largest Farms. | |
| VT 012 045 ED 048 442 | 17 | FATIGUE (BIOLOGY) | |
| Pilot Study of the Practice of Physical Medicine and Rehabilitation. | | VT 012 898 ED 048 511 | 78 |
| VT 012 451 ED 048 462 | 39 | Man, His Job, and the Environment: A Review and Annotated Bibliography of Selected Recent Research on Human Performance. | |
| Longitudinal Evaluation Study of Five Manpower Training Programs: Investigation of the Study Sample Design. | | FEASIBILITY STUDIES | |
| VT 012 575 | 52 | VT 012 913 | 79 |
| Evaluation Techniques in Agricultural Mechanization. | | Feasibility Study of Career Ladder Curriculum and Guidance and Counseling. | |
| VT 012 726 | 65 | FEDERAL AID | |
| An Approach to the Development of Synthetic Performance Tests for Use in Training Evaluation. | | VT 010 584 | 7 |
| VT 012 963 ED 049 386 | 82 | Principles of Vocational Education. | |
| A Five-State Try-Out and Demonstration Program to Determine the Generalizability of an Evaluation System for Local Programs of Vocational and Technical Education. | | VT 012 602 ED 048 477 | 34 |
| EXPENDITURES | | Manpower Research Projects Through June 30, 1970. | |
| VT 012 815 ED 048 494 | 68 | FEDERAL LAWS | |
| State Vocational Education Statistics, Fiscal Year 1969. Preliminary Report. | | VT 012 848 ED 048 498 | 71 |
| EXPERIMENTAL CURRICULUM | | Working Children. A Report on Child Labor. | |
| VT 012 811 ED 048 492 | 68 | VT 012 908 | 78 |
| Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. Project ABLE, Final Report. | | The Law Against Age Discrimination in Employment. | |
| EXPERIMENTAL TEACHING | | FEDERAL LEGISLATION | |
| VT 012 474 ED 048 467 | 42 | VT 010 584 | 7 |
| An Experimental Evaluation of the Effectiveness of Selected Techniques and Resources on Instruction in Vocational Agriculture. | | Principles of Vocational Education. | |
| FAIR LABOR STANDARDS ACT | | VT 011 961 ED 043 781 | 14 |
| VT 012 848 ED 048 498 | 71 | Patterns and Guidelines for Administering Exemplary Programs and Projects at the State Level. | |
| Working Children. A Report on Child Labor. | | VT 012 854 ED 048 501 | 71 |
| FAMILY BACKGROUND | | Improving The Nation's Manpower Efforts. A Position Paper. | |
| VT 012 213 ED 048 452 | 26 | FEDERAL PROGRAMS | |
| Educational and Occupational Aspirations and Expectations of High School Youth. | | VT 010 584 | 7 |
| FAMILY INVOLVEMENT | | Principles of Vocational Education. | |
| VT 012 664 ED 048 483 | 59 | VT 011 746 ED (SEE AUG '71 RIE) | 12 |
| Rehabilitation Work with the Blind; Role of the Helping Professional in Creating a Family Team. | | Manpower Report of the President. Message from the President of the United States Transmitting an Annual Report on the Progress of Manpower Programs. | |
| FARM MANAGEMENT | | VT 012 026 ED 048 440 | 16 |
| VT 012 056 ED (SEE AUG '71 RIE) | 19 | Career Mobility for Paraprofessionals in Human Service Agencies. | |
| Our 31,000 Largest Farms. | | VT 012 029 ED 048 441 | 17 |
| | | Worker Relocation: A Review of U.S. Department of Labor Mobility Demonstration Projects. | |
| | | VT 012 363 | 33 |
| | | Apprenticeship Coordinators. | |
| | | VT 012 369 | 33 |
| | | Training and Technology: The Effects of a Manpower Training Program on the Personal Lives of Its Graduates. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 413 ED 048 460 | 36 | FIELD STUDIES | |
| A Description of Special Vocational Education Programs for Disadvantaged Persons in Pennsylvania. | | VT 012 983 ED 049 391 | 85 |
| VT 012 451 ED 048 462 | 39 | Summaries of Studies in Industrial Arts, Trade and Industrial, and Technical Education for 1930- Supplement. | |
| Longitudinal Evaluation Study of Five Manpower Training Programs: Investigation of the Study Sample Design. | | FINANCIAL NEEDS | |
| VT 012 467 ED 049 359 | 41 | VT 012 396 | 35 |
| Postsecondary Occupational Education Seminar, Federal Programs for the 1970's (Arlington, Virginia, May 10-12, 1970). | | Financing Occupational Education in New York State. | |
| VT 012 468 | 41 | FLEXIBLE MODULAR SCHEDULING | |
| Door to Opportunity. Title V, Economic Opportunity Act. | | VT 011 472 | 9 |
| VT 012 517 ED 048 468 | 46 | The Implementation of Flexible Modular Scheduling for Industrial Education. | |
| Manpower Services to Minority Groups: A Desk Reference for ES Personnel. | | FLEXIBLE SCHEDULING | |
| VT 012 675 | 60 | VT 011 472 | 9 |
| Training and Technology: Annual Summary. | | The Implementation of Flexible Modular Scheduling for Industrial Education. | |
| VT 012 854 ED 048 501 | 72 | FLIGHT TRAINING | |
| Improving The Nation's Manpower Efforts. A Position Paper. | | VT 012 534 | 47 |
| VT 012 865 ED 048 504 | 74 | An Aviation Program--Getting it Off the Ground. | |
| Follow-Up of Selected MDTA Programs. | | FOLLOWUP STUDIES | |
| VT 012 942 ED 049 381 | 80 | VT 009 757 | 5 |
| Cost-Benefit Aspects Of Manpower Retraining. | | Graduate Follow Up; Statistical Data on Connecticut Student: Completing Vocational Programs in 1968. | |
| VT 012 968 | 83 | VT 012 131 | 22 |
| Manpower Report of the President, Including a Report on Manpower Requirements, Resources, Utilization and Training. | | A Two Year Follow-Up of a Cooperative Vocational Rehabilitation Program at Metropolitan State Hospital. | |
| VT 013 010 ED (SEE AUG '71 RIE) | 87 | VT 012 455 | 40 |
| Training the Poor. A Benefit-Cost Analysis of Manpower Programs in the U.S. Antipoverty Program. | | Evaluation of Summer Vocational Classes for High School Students at Utah Technical College at Provo and in Alpine, Nebo, and Provo School Districts 1964-1969. | |
| FEMALES | | VT 012 818 ED 048 496 | 69 |
| VT 011 111 ED (SEE AUG '71 RIE) | 8 | Project "Follow-Up." Interim Report. | |
| Automation and Women Workers. | | FOOD SERVICE WORKERS | |
| VT 011 139 ED (SEE AUG '71 RIE) | 8 | VT 008 571 | 4 |
| Jobfinding Techniques for Mature Women. | | A Blueprint for the Training of School Lunch Personnel in the Indiana Public Schools. | |
| VT 012 205 | 25 | VT 012 463 ED 048 465 | 40 |
| Business Office Culture Project. | | A Study of Career Ladders and Manpower Development for Non-Management Personnel in the Food Service Industry. | |
| VT 012 825 ED 049 371 | 71 | FOREIGN COUNTRIES | |
| Women--Their Social and Economic Status. Selected References. | | VT 008 440 ED 033 194 | 4 |
| VT 012 856 ED 049 376 | 73 | POLYTECHNICAL EDUCATION IN THE U.S.S.R. MONOGRAPHS ON EDUCATION VII. | |
| Years for Decision: A Longitudinal Study of the Educational and Labor Market Experience of Young Women. | | | |
| VT 013 011 ED (SEE AUG '71 RIE) | 87 | | |
| Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---------------------------------------|------|-------------------------------------|------|
| VT 012 139 ED (SEE AUG '71 RIE) | 23 | GRADUATE STUDY | |
| Annual Review of Selected | | VT 012 054 ED 048 444 | 18 |
| Developments; Agricultural | | The Cost and Output of Graduate | |
| Education and Training. | | Social Work Education: An | |
| | | Exploratory Study. | |
| FORTY FIFTH ANNUAL BUSINESS EDUCATION | | GRADUATE SURVEYS | |
| CONFERENCE AND THE 29TH ANNUAL | | VT 012 169 | 23 |
| BUSINESS EDUCATION EXHIBIT, NOVEMBER | | Follow-Up Study of the Graduates of | |
| 15-16, 1968, MUNCIE, INDIANA | | the Albuquerque | |
| VT 009 597 | 4 | Technical-Vocational Institute. | |
| Communication: Effective | | VT 012 466 | 41 |
| Application of Innovative Teaching | | The 1969 Occupations of Recent | |
| Media. | | Graduates of Vocational Agriculture | |
| GENERAL EDUCATION | | in Ohio. | |
| VT 009 940 ED 034 881 | 6 | VT 012 514 | 45 |
| The World of Working and Learning. | | Geographic-Job Mobility of the | |
| GENERALIZATION | | Pennsylvania State University | |
| VT 012 963 ED 049 386 | 82 | Two-Year Technician Graduates. | |
| A Five-State Try-Out and | | VT 012 440 | 47 |
| Demonstration Program to Determine | | The 1970 Occupations of Recent | |
| the Generalizability of an | | Graduates of Vocational Agriculture | |
| Evaluation System for Local | | in Ohio. | |
| Programs of Vocational and | | VT 012 865 ED 048 504 | 74 |
| Technical Education. | | Follow-Up of Selected MDTA | |
| GOVERNMENT EMPLOYEES | | Programs. | |
| VT 012 273 | 29 | GRAPHIC ARTS | |
| Public Employment and the | | VT 012 755 | 66 |
| Disadvantaged: An Annotated | | Emerging Patterns. Academic and | |
| Bibliography. | | Industrial Approaches to Education, | |
| VT 012 715 | 63 | Training and Manpower Development | |
| Training and Education of New | | in Graphic Communications. | |
| Careerists in Public Welfare. | | VT 012 767 | 67 |
| VT 012 858 ED 048 502 | 73 | The Seventies--Education and | |
| Hiring the Disadvantaged. | | Change. | |
| GOVERNMENT PUBLICATIONS | | GROUP COUNSELING | |
| VT 012 925 ED 049 380 | 79 | VT 012 116 ED 048 446 | 21 |
| Major Programs 1970 Bureau of Labor | | A Job Placement and Group | |
| Statistics. | | Vocational Guidance Program for | |
| GOVERNMENT ROLE | | Culturally Deprived High School | |
| VT 012 226 | 27 | Youth. Phase I, | |
| The Disadvantaged and Jobs. | | GROUP DISCUSSION | |
| GRADING | | VT 012 890 | 77 |
| VT 012 337 | 31 | Conference Report: Trade and | |
| Testing and Grading Practices and | | Industrial Education Curriculum | |
| Opinions of Secondary Teachers in | | Materials (Atlanta, Ga., July 1-2, | |
| Business and Distributive | | 1968). | |
| Education. | | GROUP NORMS | |
| GRADUATE STUDENTS | | VT 012 643 ED 047 160 | 57 |
| VT 012 676 | 61 | DIFFICULTY INDICES AND PERFORMANCE | |
| Rehabilitation Counseling | | NORMS FOR OFFICE-TYPING TASKS. | |
| Leadership: Present and Potential. | | FINAL REPORT. | |
| Working Paper No. 5. Career | | GUIDANCE PERSONNEL | |
| Contingencies of the Rehabilitation | | VT 012 763 ED 049 363 | 66 |
| Counselor. | | Tufts University Summer Guidance | |
| VT 012 679 ED 049 362 | 61 | Institute on the Utilization of | |
| From Student to Practitioner: | | Occupational Education and | |
| Professionalization and | | Placement (Medford, Mass., Jul | |
| De-Professionalization in | | 20-31, 1970). Final Report. | |
| Rehabilitation Counseling. Working | | | |
| Paper No. 7. Career Contingencies | | | |
| of the Rehabilitation Counselor. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| GUIDANCE PROGRAMS | | HEALTH OCCUPATIONS | |
| VT 012 116 ED 048 446 | 21 | VT 011 375 ED (SEE AUG '71 RIE) | 9 |
| A Job Placement and Group | | Graduate, Then What--Jobs in | |
| Vocational Guidance Program for | | Health. | |
| Culturally Deprived High School | | VT 012 585 ED 047 152 | 53 |
| Youth. Phase I, | | FORMER SERVICEMEN OF THE ARMY | |
| VT 012 705 ED 048 487 | 62 | MEDICAL DEPARTMENT; A PROFILE AND | |
| Testing of the Guidance Program. | | ASSESSMENT OF AN UNTAPPED RESOURCE | |
| Project ABLE; Development and | | OF ALLIED HEALTH MANPOWER. HEALTH | |
| Evaluation of an Experimental | | CARE RESEARCH SERIES, NO. 14. | |
| Curriculum for the New Quincy | | VT 012 623 | 56 |
| (Mass.) Vocational-Technical | | Mental Health Worker Career Series. | |
| School. | | | |
| GUIDANCE SERVICES | | HEALTH OCCUPATIONS EDUCATION | |
| VT 012 913 | 79 | VT 001 874 | 2 |
| Feasibility Study of Career Ladder | | Practical Nursing Education. A | |
| Curriculum and Guidance and | | Guide to the Improvement of | |
| Counseling. | | Classroom Teaching and Testing. | |
| GUIDELINES | | VT 012 057 ED 044 521 | 19 |
| VT 011 139 ED (SEE AUG '71 RIE) | 8 | THE DEVELOPMENT OF A THEORETICAL | |
| Jobfinding Techniques for Mature | | CONSTRUCT OF THE CONCEPTS OF TOUCH | |
| Women. | | AS THEY RELATE TO NURSING. FINAL | |
| VT 011 583 | 10 | REPORT. | |
| Guidelines for Discretion. Five | | VT 012 409 ED 048 459 | 36 |
| Models for Local Law Enforcement | | Allied Health Education. | |
| Agencies. | | Comprehensive Health Services. | |
| VT 011 961 ED 043 781 | 14 | VT 012 545 | 48 |
| Patterns and Guidelines for | | Health Careers Information | |
| Administering Exemplary Programs | | Materials. | |
| and Projects at the State Level. | | VT 012 669 ED (SEE AUG '71 RIE) | 60 |
| VT 012 414 ED 048 461 | 36 | Section Report on Dental Assistant. | |
| Leadership and Change in | | An Exploratory Study to Analyze New | |
| Vocational-Technical Education: | | Skill Content in Selected | |
| Administrators' Workshop. | | Occupations in Michigan and the | |
| VT 012 671 ED (SEE AUG '71 RIE) | 60 | Mechanism for its Translation into | |
| Section Report on Licensed | | Vocational Education Curricula. | |
| Practical Nurse. An Exploratory | | VT 012 671 ED (SEE AUG '71 RIE) | 60 |
| Study to Analyze New Skill Content | | Section Report on Licensed | |
| in Selected Occupations in Michigan | | Practical Nurse. An Exploratory | |
| and the Mechanism for Its | | Study to Analyze New Skill Content | |
| Translation into Vocational | | in Selected Occupations in Michigan | |
| Education Curricula. | | and the Mechanism for Its | |
| HANDICAPPED | | Translation into Vocational | |
| VT 012 130 | 22 | Education Curricula. | |
| A Survey of Physically and Mentally | | VT 012 821 ED 049 370 | 70 |
| Handicapped Welfare Recipients Who | | Manpower Conference on Allied | |
| Have Vocational Rehabilitation | | Health Professions Assistants | |
| Potential. | | (Buffalo, N.Y., Apr 16-17, 1970). | |
| VT 012 651 ED 048 481 | 58 | VT 012 884 ED 048 509 | 76 |
| A Guide for the Development and | | Regional Medical Programs National | |
| Installation of Occupational | | Allied Health Conference. | |
| Training Programs and Services for | | VT 012 966 ED (SEE AUG '71 RIE) | 83 |
| Disadvantaged and Handi | | A Workshop for Allied Health | |
| Persons. | | Teaching Personnel in Developing | |
| VT 013 018 | 87 | Behaviorally-Oriented Learning | |
| The HELP Campaign--An Evaluation. | | Materials. | |
| HANDICAPPED STUDENTS | | VT 012 984 ED (SEE AUG '71 RIE) | 85 |
| VT 012 270 | 28 | Directory of Approved Allied | |
| Preparing the Handicapped for the | | Medical Educational Programs, 1971. | |
| World of Work. | | VT 012 985 ED (SEE AUG '71 RIE) | 85 |
| VT 012 693 | 62 | Training of Health Service | |
| Work Oriented Curriculum Project. | | Personnel in the Veterans' | |
| | | Administration. | |
| | | VT 013 020 ED (SEE AUG '71 RIE) | 88 |
| | | Keeping on Course. Report of the | |
| | | 1970 Regional Workshops of the | |
| | | Council of Diploma Programs. | |

SUBJECT AND IDENTIFIER INDEX

PAGE

PAGE

| | | | | |
|--|----|--|--|----|
| HEALTH PROGRAMS | | | HISTORY | |
| VT 012 884 ED 048 509 | 76 | | VT 012 486 | 43 |
| Regional Medical Programs National Allied Health Conference. | | | A Chronology of Business Education in the United States. | |
| HEALTH SERVICES | | | HOME ECONOMICS EDUCATION | |
| VT 012 872 | 75 | | VT 012 996 ED 049 393 | 86 |
| Health Planning: A Bibliography of Basic Readings. | | | Workshop on Utilization and Training of Auxiliary Personnel in Home Economics. | |
| VT 012 919 ED (SEE AUG '71 RIE) | 80 | | HOME ECONOMICS TEACHERS | |
| SUM (Service Unit Management): An Organizational Approach to Improved Patient Care. | | | VT 012 417 ED 049 358 | 37 |
| HIGH INTENSITY TRAINING | | | An Investigation of the Effectiveness of a Design to Initiate Curriculum Change in Home Economics. Pilot Study: Phase 1. | |
| VT 012 017 ED 048 419 | 16 | | HOME MANAGEMENT | |
| Skill Upgrading, Incorporated. | | | VT 012 544 ED 048 470 | 48 |
| HIGH SCHOOL GRADUATES | | | Pilot Pattern for Home Management Instruction in Area Vocational School Curricula. | |
| VT 012 466 | 41 | | HOMEMAKING EDUCATION | |
| The 1969 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | | | VT 012 658 ED 048 482 | 58 |
| VT 012 540 | 47 | | Review and Synthesis of Research and Consumer and Homemaking Education. | |
| The 1970 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | | | HOSPITALS | |
| VT 013 045 ED 049 394 | 88 | | VT 012 939 ED (SEE AUG '71 RIE) | 80 |
| A Study of the Effectiveness of Public Postsecondary Vocational-Technical Education in Preparing Graduates for the Labor Force. | | | SUM (Service Unit Management): An Organizational Approach to Improved Patient Care. | |
| HIGH SCHOOL STUDENTS | | | VT 012 985 ED (SEE AUG '71 RIE) | 85 |
| VT 011 941 ED 043 770 | 14 | | Training of Health Service Personnel in the Veterans' Administration. | |
| Stimulating Educational Information-Seeking and Changes in Student Attitude Toward Vocational Education by Videotape and Film Presentations. | | | HUMAN CAPITAL | |
| VT 012 060 ED 045 824 | 19 | | VT 012 616 ED 048 478 | 55 |
| AN EXPERIMENT EVALUATING METHODS OF DISSEMINATION OF BUSINESS SIMULATION INSTRUCTIONAL MATERIALS TO AGRICULTURE TEACHERS. | | | Economics of Human Resources: A Bibliography. | |
| VT 012 415 | 37 | | HUMAN RESOURCES | |
| A Study of the Office Employment Expectations of White and Nonwhite Business Education Students.. | | | VT 009 922 ED 034 874 | 5 |
| VT 012 534 | 47 | | Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development. | |
| An Aviation Program--Getting it Off the Ground. | | | VT 012 352 ED 045 840 | 32 |
| VT 012 738 | 66 | | COST-BENEFIT ANALYSIS AND THE ECONOMICS OF INVESTMENT IN HUMAN RESOURCES. AN ANNOTATED BIBLIOGRAPHY. | |
| Toward Your Future Job--Drive or Drift? An Exploratory Look at Career Hopes and Occupational Aspirations of Young People of Oregon. | | | VT 012 616 ED 048 478 | 55 |
| HISTORICAL REVIEWS | | | Economics of Human Resources: A Bibliography. | |
| VT 010 385 ED 038 505 | 7 | | HUMAN SERVICES | |
| APPRENTICESHIP PAST AND PRESENT. | | | VT 012 366 ED 049 357 | 33 |
| VT 010 584 | 7 | | New Careers for the Subprofessional. | |
| Principles of Vocational Education. | | | ILLINOIS | |
| | | | VT 012 677 ED (SEE AUG '71 RIE) | 61 |
| | | | Measurement of the Agricultural Resources Role in Southern Illinois Agricultural Education. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| INCOME | | INDUSTRIAL EDUCATION | |
| VT 012 469 ED 048 466 | 42 | VT 011 472 | 9 |
| An Econometric Model for | | The Implementation of Flexible | |
| Forecasting Income and Employment | | Modular Scheduling for Industrial | |
| in Hawaii. | | Education. | |
| VT 012 868 | 75 | VT 012 262 | 28 |
| Potential Lifetime Earnings Based | | The Effect of Industrial Education | |
| on Job Classifications and Formal | | on Educable Mental Retardates | |
| Education. Final Report. | | Entering the Labor Force. | |
| INDEXES (LOCATORS) | | VT 012 853 ED 048 500 | 72 |
| VT 012 962 ED 049 385 | 82 | A Comparison of | |
| Microfiche Collection of | | Student-Designed-Circuit and | |
| Clearinghouse Documents Reported in | | Pre-designed-Circuit Analysis | |
| Abstracts of Research and Related | | Methods for College Students' | |
| Materials in Vocational and | | Electricity Laboratory Experience. | |
| Technical Education (ARM), Winter | | VT 012 983 ED 049 391 | 85 |
| 1970. | | Summaries of Studies in Industrial | |
| INDIVIDUAL CHARACTERISTICS | | Arts, Trade and Industrial, and | |
| VT 011 963 ED 043 783 | 14 | Technical Education for 1930- | |
| Factors associated with the | | Supplement. | |
| Migration of High-Level Persons | | INDUSTRIAL PERSONNEL | |
| from the Philippines to the U.S.A.. | | VT 012 442 | 38 |
| VT 012 442 | 38 | Foremen in Indiana Industries; | |
| Foremen in Indiana Industries; | | Their Characteristics, Job | |
| Their Characteristics, Job | | Functions, and Educational | |
| Functions, and Educational | | Requirements. | |
| Requirements. | | INDUSTRIAL RELATIONS | |
| INDIVIDUALIZED INSTRUCTION | | VT 012 925 ED 049 380 | 79 |
| VT 013 054 ED 049 395 | 88 | Major Programs 1970 Bureau of Labor | |
| Development of a Plan to Improve | | Statistics. | |
| the Personalized Instruction | | INDUSTRY | |
| Program at Vocational Village. | | VT 012 653 | 58 |
| Final Report. | | Summary 1969-1970. | |
| INDUSTRIAL ARTS | | INFORMATION CENTERS | |
| VT 011 915 | 13 | VT 012 579 ED 047 151 | 52 |
| Developing and Testing of an | | MICHIGAN RESEARCH COORDINATING UNIT | |
| Instructional System in Plastics. | | FOR VOCATIONAL EDUCATION. FINAL | |
| Program Report: Improving | | REPORT, JULY 1, 1967-AUGUST 31, | |
| Instruction in Small Schools. | | 1969. | |
| VT 012 481 ED 047 126 | 43 | INFORMATION DISSEMINATION | |
| MUSEUM RESOURCES AND THEIR | | VT 012 060 ED 045 824 | 19 |
| UTILIZATION IN INDUSTRIAL ARTS | | AN EXPERIMENT EVALUATING METHODS OF | |
| EDUCATION. | | DISSEMINATION OF BUSINESS | |
| VT 012 539 ED 047 143 | 47 | SIMULATION INSTRUCTIONAL MATERIALS | |
| A NEW ROLE FOR INDUSTRIAL ARTS IN | | TO AGRICULTURE TEACHERS. | |
| THE SENIOR HIGH SCHOOL. | | VT 012 862 ED 048 503 | 74 |
| VT 012 618 ED 049 361 | 55 | Guide For State | |
| A Comprehensive Orientation to the | | Vocational-Technical Education | |
| World of Work through Industrial | | Information Dissemination Systems. | |
| Arts and Vocational Education | | VT 012 961 ED 048 516 | 82 |
| (Grades 1-12). | | Abstracts of Research and Related | |
| VT 012 904 ED 049 379 | 78 | Materials in Vocational and | |
| Interaction Patterns of Industrial | | Technical Education (ARM), Winter | |
| Arts Teachers in Laboratory Type | | 1970. | |
| Situations at the Junior High | | VT 013 018 | 87 |
| School Level. | | The HELP Campaign--An Evaluation. | |
| INDUSTRIAL ARTS TEACHERS | | INFORMATION SYSTEMS | |
| VT 012 866 ED 048 505 | 74 | VT 012 820 | 70 |
| Industrial Arts Teacher Education | | Cycle Three Report. Occupational | |
| Fellowship Program in the | | Training Information System. | |
| Technologies, 1969-1970. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|------------------------------------|------|-------------------------------------|------|
| VT 012 862 ED 048 503 | 74 | INSTRUCTIONAL AIDS | |
| Guide For State | | VT 012 474 ED 048 467 | 42 |
| Vocational-Technical Education | | An Experimental Evaluation of the | |
| Information Dissemination Systems. | | Effectiveness of Selected | |
| INNER CITY | | Techniques and Resources on | |
| VT 012 011 ED (SEE AUG '71 RIE) | 16 | Instruction in Vocational | |
| Project BUILD, A Manpower | | Agriculture. | |
| Demonstration Program: February, | | | |
| 1968-March, 1969. | | INSTRUCTIONAL IMPROVEMENT | |
| INPLANT PROGRAMS | | VT 011 915 | 13 |
| VT 012 017 ED 048 439 | 16 | Developing and Testing of an | |
| Skill Upgrading, Incorporated. | | Instructional System in Plastics. | |
| VT 012 291 | 29 | Program Report: Improving | |
| The American Telephone and | | Instruction in Small Schools. | |
| Telegraph. | | | |
| INPUT OUTPUT ANALYSIS | | INSTRUCTIONAL MATERIALS | |
| VT 012 617 ED 048 479 | 55 | VT 009 597 | 4 |
| Patterns of U.S. Economic Growth, | | Communication: Effective | |
| 1980 Projections. | | Application of Innovative Teaching | |
| INSERVICE PROGRAMS | | Media. | |
| VT 012 763 ED 049 363 | 66 | VT 012 050 ED 048 443 | 18 |
| Tufts University Summer Guidance | | The Effectiveness of Flash Cards in | |
| Institute on the Utilization of | | a Mathematical Self-Study Course | |
| Occupational Education and | | for Group IV Personnel. | |
| Placement (Medford, Mass., Jul | | VT 012 060 ED 045 824 | 19 |
| 20-31, 1970). Final Report. | | AN EXPERIMENT EVALUATING METHODS OF | |
| INSERVICE TEACHER EDUCATION | | DISSEMINATION OF BUSINESS | |
| VT 012 174 | 24 | SIMULATION INSTRUCTIONAL MATERIALS | |
| Reading Institute for Vocational | | TO AGRICULTURE TEACHERS. | |
| Teachers (March 20, 1962 to June | | VT 012 439 ED (SEE AUG '71 RIE) | 38 |
| 30, 1970). Director's Report. | | Vocational-Technical Education ;- | |
| VT 012 966 ED (SEE AUG '71 RIE) | 82 | Agricultural Resources. Final | |
| A Workshop for Allied Health | | Report. | |
| Teaching Personnel in Developing | | VT 012 483 ED 047 126 | 43 |
| Behaviorally-Oriented Learning | | MUSEUM RESOURCES AND THEIR | |
| Materials. | | UTILIZATION IN INDUSTRIAL ARTS | |
| INSTITUTES (TRAINING PROGRAMS) | | EDUCATION. | |
| VT 012 270 | 28 | VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| Preparing the Handicapped for the | | Development and Use of Subject | |
| World of Work. | | Matter Materials for Vocational | |
| VT 012 763 ED 049 363 | 66 | Education in Agriculture. | |
| Tufts University Summer Guidance | | VT 012 89C | 77 |
| Institute on the Utilization of | | Conference Report: Trade and | |
| Occupational Education and | | Industrial Education Curriculum | |
| Placement (Medford, Mass., Jul | | Materials (Atlanta, Ga., July 1-2, | |
| 20-31, 1970). Final Report. | | 1968). | |
| VT 012 969 ED 049 389 | 84 | VT 013 011 ED (SEE AUG '71 RIE) | 87 |
| Proceedings of the Training | | Planning Ahead for the "World of | |
| Institute for Rural Disadvantaged, | | Work: Research Report Abstract, | |
| August 17-21, 1970. | | Teacher Manual, Student Materials, | |
| INSTITUTIONAL RESEARCH | | Transparency Masters. | |
| VT 012 487 ED 049 360 | 43 | INSTRUCTIONAL MATERIALS CENTERS | |
| Practices and Outcomes of | | VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| Vocational-Technical Education in | | Development and Use of Subject | |
| Technical and Community Colleges. | | Matter Materials for Vocational | |
| | | Education in Agriculture. | |
| | | INSTRUCTOR COORDINATORS | |
| | | VT 012 625 | 56 |
| | | Self Evaluation. | |
| | | VT 012 989 ED 049 392 | 86 |
| | | Employer Preferences and | |
| | | Teacher-Coordinator Practices in | |
| | | Distributive Education. Region | |
| | | V--U.S. Office of Education. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| INTEGRATED CURRICULUM | | VT 012 855 ED 049 375 | 72 |
| VT 009 939 ED 034 880 | 5 | Conference on Upgrading and New Careers. | |
| Occupational Education Program; Image of the World of Work, Volume I. | | JOB PLACEMENT | |
| VT 009 940 ED 034 881 | 6 | VT 012 116 ED 048 446 | 21 |
| The World of Working and Learning. | | A Job Placement and Group Vocational Guidance Program for Culturally Deprived High School Youth. Phase I, | |
| VT 009 986 ED 034 885 | 6 | VT 012 476 | 43 |
| Occupational Education Programs; Image of the World of Work, Volume II. | | Transitional Manpower Programs. A Status Report. | |
| INTERACTION PROCESS ANALYSIS | | VT 012 678 | 61 |
| VT 012 045 ED 048 442 | 17 | New Mexico Farm Labor and Rural Manpower Program 1969. Annual Report. | |
| Pilot Study of the Practice of Physical Medicine and Rehabilitation. | | JOB SATISFACTION | |
| VT 012 051 ED (SEE AUG '71 RIE) | 18 | VT 011 592 ED 048 434 | 10 |
| Task Learning, Interpersonal Learning and Cognitive Complexity. | | Autonomy in Work. | |
| VT 012 904 ED 049 379 | 78 | VT 011 593 ED 048 435 | 10 |
| Interaction Patterns of Industrial Arts Teachers in Laboratory Type Situations at the Junior High School Level. | | The Formal Environments for Learning: Schools, Colleges, and Universities. | |
| INTERAGENCY COOPERATION | | VT 011 594 ED 048 436 | 11 |
| VT 012 360 ED (SEE AUG '71 RIE) | 32 | Work Organizations, Behavior and Attitudes. | |
| Police-Community Relations. | | VT 012 178 ED (SEE AUG '71 RIE) | 24 |
| VT 012 675 | 60 | Career Indications Among Junior Officers. | |
| Training and Technology: Annual Summary. | | VT 012 679 ED 049 362 | 61 |
| INTEREST TESTS | | From Student to Practitioner: Professionalization and De-Professionalization in Rehabilitation Counseling. Working Paper No. 7. Career Contingencies of the Rehabilitation Counselor. | |
| VT 012 208 | 25 | JOB SKILLS | |
| The Development of Measures of Vocational Interests and Relevant Aptitudes for the Deaf. Final Draft. | | VT 012 445 ED 047 117 | 39 |
| INTERPROFESSIONAL RELATIONSHIP | | COMPARISON OF CERTAIN ABILITIES NEEDED BY WORKERS IN LICENSED NURSERIES AND LICENSED ORNAMENTAL HORTICULTURE BUSINESSES. | |
| VT 012 884 ED 048 509 | 76 | VT 012 558 ED 047 147 | 49 |
| Regional Medical Programs National Allied Health Conference. | | VOCATIONAL EDUCATION INSTRUCTION SIMILARITIES IN CERTAIN CONTENT AREAS IN THE SECONDARY SCHOOLS. | |
| INTERSCHOOL COMMUNICATION | | JOB TRAINING | |
| VT 012 275 ED 048 455 | 29 | VT 011 592 ED 048 434 | 10 |
| Articulations Between Medical and Premedical Education. Proceedings of a Conference. | | Autonomy in Work. | |
| JOB APPLICANTS | | VT 011 595 ED 048 437 | 11 |
| VT 011 139 ED (SEE AUG '71 RIE) | 8 | Studies of Education and Work. | |
| Jobfinding Techniques for Mature Women. | | VT 012 669 ED (SEE AUG '71 RIE) | 60 |
| JOB APPLICATION | | Section Report on Dental Assistant. An Exploratory Study to Analyze New Skill Content in Selected Occupations in Michigan and the Mechanism for its Translation into Vocational Education Curricula. | |
| VT 011 139 ED (SEE AUG '71 RIE) | 8 | JUNIOR HIGH SCHOOL STUDENTS | |
| Jobfinding Techniques for Mature Women. | | VT 009 939 ED 034 880 | 5 |
| JOB DEVELOPMENT | | Occupational Education Program; Image of the World of Work, Volume I. | |
| VT 012 026 ED 048 440 | 16 | | |
| Career Mobility for Paraprofessionals in Human Service Agencies. | | | |
| VT 012 409 ED 048 459 | 36 | | |
| Allied Health Education. Comprehensive Health Services. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 009 985 ED 034 884 | 6 | LABOR MARKET | |
| Occupational Education Programs; Image of the World of Work, Volume III. | | VT 012 127 ED 048 447 | 21 |
| VT 009 986 ED 034 885 | 6 | The Elasticity of Substitution of White for Nonwhite Labor. | |
| Occupational Education Programs; Image of the World of Work, Volume II. | | VT 012 300 | 30 |
| VT 012 710 | 63 | Internal Labor Markets and Manpower Analysis. | |
| Attitude Testing for an Experimental Junior High School Course in Economic Education and Manpower Development. | | VT 012 452 ED 048 463 | 39 |
| | | Racial Discrimination in the Job Market: The Role of Information and Search. | |
| | | VT 012 925 ED 049 380 | 79 |
| | | Major Programs 1970 Bureau of Labor Statistics. | |
| JUNIOR HIGH SCHOOLS | | LABOR SUPPLY | |
| VT 012 904 ED 049 379 | 78 | VT 012 590 ED 048 476 | 54 |
| Interaction Patterns of Industrial Arts Teachers in Laboratory Type Situations at the Junior High School Level. | | Water-Resources Manpower: Supply and Demand Patterns to 1980. | |
| LABOR ECONOMICS | | VT 012 775 ED 049 364 | 67 |
| VT 012 299 ED 048 456 | 30 | The Technical Manpower Shortage: How Acute? A Chart Essay. | |
| Urban Poverty and Labor Force Participation (and Comment). | | VT 012 820 | 70 |
| VT 012 300 | 30 | Cycle Three Report. Occupational Training Information System. | |
| Internal Labor Markets and Manpower Analysis. | | LABOR TURNOVER | |
| VT 012 602 ED 048 477 | 54 | VT 012 178 ED (SEE AUG '71 RIE) | 24 |
| Manpower Research Projects Through June 30, 1970. | | Career Indications Among Junior Officers. | |
| VT 012 710 | 63 | LABORATORY TECHNIQUES | |
| Attitude Testing for an Experimental Junior High School Course in Economic Education and Manpower Development. | | VT 012 571 | 51 |
| VT 012 925 ED 049 380 | 79 | Effectiveness of Skill Sheets and Demonstration Group Size for Instruction in Agricultural Mechanics. | |
| Major Programs 1970 Bureau of L. Statistics. | | LANGUAGE STANDARDIZATION | |
| VT 012 942 ED 049 381 | 80 | VT 012 891 | 77 |
| Cost-Benefit Aspects Of Manpowe Retraining. | | Standard Terminology For Curriculum and Instruction In Local and State School Systems. | |
| LABOR FORCE | | LAW ENFORCEMENT | |
| VT 008 017 | 3 | VT 011 583 | 10 |
| Manpower Directions in New York State, 1965-1975. Job Requirements and Labor Force. Volume II. | | Guidelines for Discretion. Five Models for Local Law Enforcement Agencies. | |
| VT 011 993 ED 048 438 | 15 | VT 012 718 | 63 |
| Background Facts on Women Workers in the United States. | | Preparation for Law Enforcement. | |
| VT 012 184 ED 048 450 | 24 | VT 012 848 ED 048 498 | 71 |
| Underemployment Estimates by County, United States, 1960. | | Working Children. A Report on Child Labor. | |
| VT 012 481 | 43 | LEADERSHIP RESPONSIBILITY | |
| Arizona Basic Economic and Manpower Data. | | VT 012 507 | 45 |
| VT 012 508 | 45 | A Report of the National Center for World-of-Work Economic Education Programs. | |
| Occupational Employment Statistics, 1960-67. | | LEADERSHIP TRAINING | |
| VT 012 861 | 73 | VT 012 866 ED 048 505 | 74 |
| The Michigan Manpower Study, Summary Report. | | Industrial Arts Teacher Education Fellowship Program in the Technologies, 1969-1970. | |
| LABOR FORCE NONPARTICIPANTS | | VT 012 958 ED 049 384 | 81 |
| VT 012 299 ED 048 456 | 30 | Strengthening Labor's Role in the War on Poverty. | |
| Urban Poverty and Labor Force Participation (and Comment). | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| LEARNING | | LUNCH PROGRAMS | |
| VT 012 462 ED 047 121 | 40 | VT 008 571 | 4 |
| AN EXPERIMENT TO DETERMINE THE EFFECTS OF IMMEDIATE VERSUS DELAYED KNOWLEDGE OF RESULTS ON INITIAL LEARNING AND RETENTION OF SELECTED RELATED LEARNING IN TRANSCRIPTION CLASSES. | | A Blueprint for the Training of School Lunch Personnel in the Indiana Public Schools. | |
| LEARNING ACTIVITIES | | MACHINERY INDUSTRY | |
| VT 012 051 ED (SEE AUG '71 RIE) | 18 | VT 012 099 | 20 |
| Task Learning, Interpersonal Learning and Cognitive Complexity. | | Technicians in Non-Electrical Plant and Machinery Manufacture. | |
| LEARNING EXPERIENCE | | MANAGEMENT SYSTEMS | |
| VT 012 051 ED (SEE AUG '71 RIE) | 18 | VT 012 161 ED (SEE AUG '71 RIE) | 23 |
| Task Learning, Interpersonal Learning and Cognitive Complexity. | | Base Engineer Automated Management System (BEAMS): Implementation/Conversion Team Education. | |
| LEARNING LABORATORIES | | VT 012 939 ED (SEE AUG '71 RIE) | 80 |
| VT 012 217 | 26 | SUM (Service Unit Management): An Organizational Approach to Improved Patient Care. | |
| The Effectiveness of Teaching Beginning Typewriting with Television Monitors, Selectric Typewriters, and an Open-Access Laboratory. | | MANPOWER DEVELOPMENT | |
| LEARNING THEORIES | | VT 009 922 ED 034 874 | 5 |
| VT 012 051 ED (SEE AUG '71 RIE) | 18 | Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development. | |
| Task Learning, Interpersonal Learning and Cognitive Complexity. | | VT 011 594 ED 048 436 | 11 |
| LESSON PLANS | | Work Organizations, Behavior and Attitudes. | |
| VT 009 985 ED 034 884 | 6 | VT 011 595 ED 048 437 | 11 |
| Occupational Education Programs; Image of the World of Work, Volume III. | | Studies of Education and Work. | |
| VT 012 572 | 51 | VT 011 746 ED (SEE AUG '71 RIE) | 12 |
| Evaluation Sheets in Agricultural Mechanization Programs. | | Manpower Report of the President. Message from the President of the United States Transmitting an Annual Report on the Progress of Manpower Programs. | |
| LITERATURE REVIEWS | | VT 012 115 ED 048 445 | 20 |
| VT 011 592 ED 048 434 | 10 | Project Crossroads--Phase 1. Final Report. | |
| Autonomy in Work. | | VT 012 155 | 23 |
| VT 011 593 ED 048 435 | 10 | Technical Education and Industrial Training. | |
| The Formal Environments for Learning: Schools, Colleges, and Universities. | | VT 012 226 | 27 |
| VT 011 594 ED 048 436 | 11 | The Disadvantaged and Jobs. | |
| Work Organizations, Behavior and Attitudes. | | VT 012 272 | 29 |
| VT 011 595 ED 048 437 | 11 | State of Washington Comprehensive Manpower Plan for Fiscal Year 1971. | |
| Studies of Education and Work. | | VT 012 275 ED 048 455 | 29 |
| VT 012 004 | 15 | Articulations Between Medical and Premedical Education. Proceedings of a Conference. | |
| A History of Business Letter-Writing Theory as Revealed in an Interpretative Analysis of American Collegiate Business Communication Textbooks, 1915-1967. | | VT 012 304 ED 048 458 | 30 |
| LONGITUDINAL STUDIES | | The Manhattan Court Employment Project. Summary Report on Phase One. | |
| VT 012 679 ED 049 362 | 61 | VT 012 451 ED 048 462 | 39 |
| From Student to Practitioner: Professionalization and De-Professionalization in Rehabilitation Counseling. Working Paper No. 7. Career Contingencies of the Rehabilitation Counselor. | | Longitudinal Evaluation Study of Five Manpower Training Programs: Investigation of the Study Sample Design. | |
| | | VT 012 463 ED 048 465 | 40 |
| | | A Study of Career Ladders and Manpower Development for Non-Management Personnel in the Food Service Industry. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| VT 012 517 ED 048 468 | 46 | VT 011 902 | 13 |
| Manpower Services to Minority Groups: A Desk Reference for ES Personnel. | | A Concerned Texas. A Report of the Governor's Conference on Technical-Vocational Education. | |
| VT 012 602 ED 048 477 | 54 | VT 012 049 | 20 |
| Manpower Research Projects Through June 30, 1970. | | Technicians in Non-Electrical plant and Machinery Manufacture. | |
| VT 012 616 ED 048 478 | 55 | VT 012 155 | 23 |
| Economics of Human Resources: A Bibliography. | | Technical Education and Industrial Training. | |
| VT 012 713 | 63 | VT 012 210 ED 048 451 | 26 |
| Community Development Training Program. | | Manpower Needs and Manpower Utilization in Speech Pathology and Audiology. | |
| VT 012 820 | 70 | VT 012 259 | 28 |
| Cycle Three Report. Occupational Training Information System. | | Outlook for Computer Process Control: Manpower Implications in Process Industries. | |
| VT 012 854 ED 048 501 | 72 | VT 012 481 | 43 |
| Improving The Nation's Manpower Efforts. A Position Paper. | | Arizona Basic Economic and Manpower Data. | |
| VT 012 887 ED (SEE AUG '71 RIE) | 76 | VT 012 528 | 46 |
| Annual Report of the Commission on Manpower and Full Employment. | | Occupational and Technical Education Needs of Business and Industrial Firms of the Big Horn Basin. | |
| VT 012 964 ED 049 387 | 83 | VT 012 536 | 47 |
| Development of Educational Programs for New Careers in Recreation Services for the Disabled. | | New England Labor and the Economy at Year-End 1970. | |
| VT 012 968 | 83 | VT 012 559 ED 048 473 | 50 |
| Manpower Report of the President, Including a Report on Manpower Requirements, Resources, Utilization and Training. | | Blacks in the Construction Trades and Effect on Connecticut Economy. | |
| VT 012 996 ED 049 393 | 86 | VT 012 590 ED 048 476 | 54 |
| Workshop on Utilization and Training of Auxiliary Personnel in Home Economics. | | Water-Resources Manpower: Supply and Demand Patterns to 1980. | |
| MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS | | VT 012 640 | 56 |
| VT 012 675 | 60 | Jobs in the Plastics Industry. Series 1100-6-70. | |
| Training and Technology: Annual Summary. | | VT 012 755 | 66 |
| VT 012 865 ED 048 504 | 74 | Emerging Patterns. Academic and Industrial Approaches to Education, Training and Manpower Development in Graphic Communications. | |
| Follow-Up of Selected MDTA Programs. | | VT 012 775 ED 049 364 | 67 |
| VT 012 942 ED 049 381 | 80 | The Technical Manpower Shortage: How Acute? A Chart Essay. | |
| Cost-Benefit Aspects Of Manpower Retraining. | | VT 012 820 | 70 |
| VT 013 010 ED (SEE AUG '71 RIE) | 87 | Cycle Three Report. Occupational Training Information System. | |
| Training the Poor. A Benefit-Cost Analysis of Manpower Programs in the U.S. Antipoverty Program. | | VT 012 968 | 83 |
| MANPOWER NEEDS | | Manpower Report of the President, Including a Report on Manpower Requirements, Resources, Utilization and Training. | |
| VT 008 016 | 3 | MANPOWER UTILIZATION | |
| Manpower Directions in New York State, 1965-1975. Volume I. | | VT 008 016 | 3 |
| VT 008 017 | 3 | Manpower Directions in New York State, 1965-1975. Volume I. | |
| Manpower Directions in New York State, 1965-1975. Job Requirements and Labor Force. Volume II. | | VT 008 017 | 3 |
| VT 011 746 ED (SEE AUG '71 RIE) | 12 | Manpower Directions in New York State, 1965-1975. Job Requirements and Labor Force. Volume II. | |
| Manpower Report of the President. Message from the President of the United States Transmitting an Annual Report on the Progress of Manpower Programs. | | VT 011 111 ED (SEE AUG '71 RIE) | 8 |
| | | Automation and Women Workers. | |
| | | VT 011 471 ED (SEE AUG '71 RIE) | 9 |
| | | Industry Hiring Requirements and the Employment of Disadvantaged Groups. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 092 | 20 | MASS PRODUCTION | |
| Technicians in Non-Electrical Plant and Machinery Manufacture. | | VT 012 259 | 48 |
| VT 012 184 ED 048 450 | 24 | Outlook for Computer Process Control: Manpower Implications in Process Industries. | |
| Underemployment Estimates by County, United States, 1960. | | MASTERS THESES | |
| VT 012 210 ED 048 451 | 26 | VT 012 217 | 26 |
| Manpower Needs and Manpower Utilization in Speech Pathology and Audiology. | | The Effectiveness of Teaching Beginning Typewriting with Television Monitors, Selectric Typewriters, and an Open-Access Laboratory. | |
| VT 012 273 | 29 | MATERIAL DEVELOPMENT | |
| Public Employment and the Disadvantaged: An Annotated Bibliography. | | VT 010 912 | 8 |
| VT 012 360 ED (SEE AUG '71 RIE) | 32 | The Development and Evaluation of an Improved Electronics Troubleshooting Manual. | |
| Police-Community Relations. | | VT 012 966 ED (SEE AUG '71 RIE) | 83 |
| VT 012 366 ED 049 357 | 33 | A Workshop for Allied Health Teaching Personnel in Developing Behaviorally-Oriented Learning Materials. | |
| New Careers for the Subprofessional. | | MATHEMATICAL MODELS | |
| VT 012 585 ED 047 152 | 53 | VT 012 469 ED 048 466 | 42 |
| FORMER SERVICEMEN OF THE ARMY MEDICAL DEPARTMENT; A PROFILE AND ASSESSMENT OF AN UNTAPPED RESOURCE OF ALLIED HEALTH MANPOWER. HEALTH CARE RESEARCH SERIES, NO. 14. | | An Econometric Model for Forecasting Income and Employment in Hawaii. | |
| VT 012 678 | 61 | VT 012 816 ED 049 368 | 69 |
| New Mexico Farm Labor and Rural Manpower Program 1969. Annual Report. | | Mathematical Models in Education and Training. | |
| VT 012 715 | 63 | MATURITY TESTS | |
| Training and Education of New Careerists in Public Welfare. | | VT 012 724 | 64 |
| VT 012 821 ED 049 370 | 70 | Vocational Maturity and Vocational Training. | |
| Manpower Conference on Allied Health Professions Assistants (Buffalo, N.Y., Apr 16-17, 1970). | | MEASUREMENT INSTRUMENTS | |
| VT 012 855 ED 049 375 | 72 | VT 012 628 | 56 |
| Conference on Upgrading and New Careers. | | Self Evaluation. | |
| VT 012 858 ED 048 502 | 73 | MEASUREMENT TECHNIQUES | |
| Hiring the Disadvantaged. | | VT 012 643 ED 047 160 | 57 |
| VT 012 958 ED 049 384 | 81 | DIFFICULTY INDICES AND PERFORMANCE NORMS FOR OFFICE-TYPING TASKS. FINAL REPORT. | |
| Strengthening Labor's Role in the War on Poverty. | | MEDICAL EDUCATION | |
| VT 012 968 | 83 | VT 011 301 ED 041 128 | 9 |
| Manpower Report of the President, Including a Report on Manpower Requirements, Resources, Utilization and Training. | | NATIONAL CONFERENCE ON THE USE OF AUDIOVISUALS IN MEDICAL EDUCATION, PROCEEDINGS (UNIVERSITY OF ALABAMA MEDICAL CENTER, BIRMINGHAM, AUGUST 6-8, 1969). | |
| VT 012 996 ED 049 393 | 86 | MEDICAL LABORATORY ASSISTANTS | |
| Workshop on Utilization and Training of Auxiliary Personnel in Home Economics. | | VT 012 550 | 48 |
| MANUALS | | Prediction of Job Performance for Negro and White Medical Technicians. | |
| VT 010 483 | 7 | MEETINGS | |
| Manual of Evaluation Procedures and Instructions. | | VT 012 889 | 77 |
| VT 012 823 ED 048 497 | 70 | Minutes, Annual Meeting, 1970. | |
| Manual for the Minnesota Satisfactoriness Scales. | | | |
| MANUFACTURING INDUSTRY | | | |
| VT 012 259 | 28 | | |
| Outlook for Computer Process Control: Manpower Implications in Process Industries. | 135 | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| MENTAL HEALTH | | MILITARY TRAINING | |
| VT 012 623 | | VT 012 161 ED (SEE AUG '71 RIE) | 23 |
| Mental Health Worker Career Series. | 56 | Base Engineer Automated Management System (HEAMS): Implementation/Conversion Team Education. | |
| MENTAL ILLNESS | | VT 012 650 | 58 |
| VT 012 131 | 22 | Maintaining Efficient Training Programs for Air Force Technical Specialties. | |
| A Two Year Follow-Up of a Cooperative Vocational Rehabilitation Program at Metropolitan State Hospital. | | | |
| MENTAL RETARDATION | | MINNESOTA SATISFACTORINESS SCALES | |
| VT 012 129 | 22 | VT 012 823 ED 048 497 | 70 |
| A Follow-up Study of Graduates from a Vocational Rehabilitation Program in a Residential Training Center for the Mentally Retarded. | | Manual for the Minnesota Satisfactoriness Scales. | |
| MENTALLY HANDICAPPED | | MINORITY GROUPS | |
| VT 012 889 | 77 | VT 012 249 ED 048 454 | 27 |
| Minutes, Annual Meeting, 1970. | | New Workers in the Banking Industry: A Minority Report. | |
| METHODOLOGY | | VT 012 517 ED 048 468 | 46 |
| VT 012 818 ED 048 496 | 69 | Manpower Services to Minority Groups: A Desk Reference for ES Personnel. | |
| Project "Follow-Up." Interim Report. | | VT 012 878 ED 048 507 | 76 |
| METROPOLITAN AREAS | | Employment Testing And Minority Groups, As Reported in the Literature. | |
| VT 012 704 ED 048 486 | 62 | | |
| Negro Employment in the South. Volume I: The Houston Labor Market. | | MISSISSIPPI | |
| MIDDLE AGED | | VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| VT 012 870 ED 049 378 | 75 | Development and Use of Subject Matter Materials for Vocational Education in Agriculture. | |
| A Study of the Causes of Physical and Emotional Problems Encountered by Older Women Returning to Secretarial Employment After A Prolonged Absence. | | MODELS | |
| VT 012 908 | 78 | VT 009 940 ED 034 881 | 6 |
| The Law Against Age Discrimination in Employment. | | The World of Working and Learning. | |
| MIGRATION | | VT 011 595 ED 048 437 | 11 |
| VT 011 963 ED 043 783 | 14 | Studies of Education and Work. | |
| Factors Associated with the Migration of High-Level Persons from the Philippines to the U.S.A.. | | VT 011 941 ED 043 778 | 14 |
| MILITARY PERSONNEL | | Stimulating Educational Information-Seeking and Changes in Student Attitude Toward Vocational Education by Videotape and Film Presentations. | |
| VT 012 476 | 43 | VT 012 647 ED (SEE AUG '71 RIE) | 57 |
| Transitional Manpower Programs. A Status Report. | | Model for Evaluation of Secondary School Programs of Vocational Education in Agriculture. | |
| VT 012 641 | 57 | VT 013 009 ED (SEE AUG '71 RIE) | 86 |
| Collected Papers Prepared Under Work Unit REPAIR: Training of Electronics Maintenance Personnel. | | A Research and Development Project in Occupational Education: The Development of Process Models for Decision-Making in Curriculum Development and Evaluation. | |
| MILITARY SERVICE | | MOLECULAR PREFERENCE THEORY | |
| VT 012 178 ED (SEE AUG '71 RIE) | 24 | VT 012 208 | 25 |
| Career Indications Among Junior Officers. | | The Development of Measures of Vocational Interests and Relevant Aptitudes for the Deaf. Final Draft. | |
| VT 012 585 ED 047 152 | 53 | | |
| FORMER SERVICEMEN OF THE ARMY MEDICAL DEPARTMENT; A PROFILE AND ASSESSMENT OF AN UNTAPPED RESOURCE OF ALLIED HEALTH MANPOWER. HEALTH CARE RESEARCH SERIES, NO. 14. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| MULTIMEDIA INSTRUCTION | | NEVADA | |
| VT 011 915 | 13 | VT 012 727 | 65 |
| Developing and Testing of an Instructional System in Plastics. Program Report: Improving Instruction in Small Schools. | | Licensed and Certified Occupations in Nevada. | |
| MULTIPLE REGRESSION ANALYSIS | | NEW CAREERS | |
| VT 012 469 ED 048 466 | 42 | VT 012 026 ED 048 440 | 16 |
| An Econometric Model for Forecasting Income and Employment in Hawaii. | | Career Mobility for Paraprofessionals in Human Service Agencies. | |
| MUSEUMS | | VT 012 715 | 63 |
| VT 012 483 ED 047 126 | 43 | Training and Education of New Careerists in Public Welfare. | |
| MUSEUM RESOURCES AND THEIR UTILIZATION IN INDUSTRIAL ARTS EDUCATION. | | NEW ENGLAND | |
| NATIONAL ORGANIZATIONS | | VT 012 536 | 47 |
| VT 012 889 | 77 | New England Labor and the Economy at Year-End 1970. | |
| Minutes, Annual Meeting, 1970. | | NEW MEXICO | |
| NATIONAL SURVEYS | | VT 012 678 | 61 |
| VT 011 472 | 9 | New Mexico Farm Labor and Rural Manpower Program 1969. Annual Report. | |
| The Implementation of Flexible Modular Scheduling for Industrial Education. | | NEW YORK | |
| VT 012 508 | 45 | VT 008 016 | 3 |
| Occupational Employment Statistics, 1960-67. | | Manpower Directions in New York State, 1965-1975. Volume I. | |
| NATURAL RESOURCES | | VT 012 483 ED 047 126 | 43 |
| VT 012 183 | 24 | MUSEUM RESOURCES AND THEIR UTILIZATION IN INDUSTRIAL ARTS EDUCATION. | |
| 1970-71 Directory of Post-Secondary Education in Agricultural and Natural Resource Occupations. | | NONVERBAL COMMUNICATION | |
| VT 012 677 ED (SEE AUG '71 RIE) | 61 | VT 012 057 ED 044 521 | 19 |
| Measurement of the Agricultural Resources Role in Southern Illinois Agricultural Education. | | THE DEVELOPMENT OF A THEORETICAL CONSTRUCT OF THE CONCEPTS OF TOUCH AS THEY RELATE TO NURSING. FINAL REPORT. | |
| NEGRO EMPLOYMENT | | NUMERICAL CONTROL | |
| VT 012 548 ED 048 471 | 48 | VT 012 852 ED 048 499 | 72 |
| Black Craftsmen Through History. | | An Experimental Comparison of Two Methods of Teaching Numerical Control Manual Programming Concepts: Visual Media Versus Hands-On Equipment. | |
| VT 012 559 ED 048 473 | 50 | NURSERY WORKERS (HORTICULTURE) | |
| Blacks in the Construction Trades and Effect on Connecticut Economy. | | VT 012 445 ED 047 117 | 39 |
| VT 012 704 ED 048 486 | 62 | COMPARISON OF CERTAIN ABILITIES NEEDED BY WORKERS IN LICENSED NURSERIES AND LICENSED ORNAMENTAL HORTICULTURE BUSINESSES. | |
| Negro Employment in the South. Volume I: The Houston Labor Market. | | NURSES AIDES | |
| NEGRO HISTORY | | VT 012 235 ED 048 453 | 27 |
| VT 012 548 ED 048 471 | 48 | Toward a Career Ladder in Nursing: Upgrading Nurse's Aides to LPNs Through a Work-Study Program. | |
| Black Craftsmen Through History. | | NURSING | |
| NEGRO STUDENTS | | VT 012 057 ED 044 521 | 19 |
| VT 012 471 | 42 | THE DEVELOPMENT OF A THEORETICAL CONSTRUCT OF THE CONCEPTS OF TOUCH AS THEY RELATE TO NURSING. FINAL REPORT. | |
| Occupational and Educational Projections of Deep-South Delinquent and Non-Delinquent Black Males. | | | |
| NEGROES | | | |
| VT 012 127 ED 048 447 | 21 | | |
| The Elasticity of Substitution of White for Nonwhite Labor. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| VT 012 187 | 34 | VT 011 139 ED (SEE AUG '71 RIE) | 8 |
| Ohio Schools of Nursing Notebook for School Counselors. | | Jobfinding Techniques for Mature Women. | |
| VT 013 020 ED (SEE AUG '71 RIE) | 48 | VT 011 375 ED (SEE AUG '71 RIE) | 9 |
| Keeping on Course. Report of the 1970 Regional Workshops of the Council of Diploma Programs. | | Graduate, Then What--Jobs in Health. | |
| OCCUPATIONAL ASPIRATION | | VT 012 033 | 17 |
| VT 012 213 ED 048 452 | 26 | A Study of High School Seniors from Two South Dakota Area | |
| Educational and Occupational Aspirations and Expectations of High School Youth. | | Vocational-Technical School Areas Who Are Interested in Non-Farm Agricultural Occupations. | |
| VT 012 415 | 37 | VT 012 114 | 20 |
| A Study of the Office Employment Expectations of White and Nonwhite Business Education Students.. | | Report of Sixth Vocational Guidance Systems Conference (Villa Park, Illinois, December 19-20, 1969). | |
| VT 012 471 | 42 | VT 012 618 ED 049 361 | 55 |
| Occupational and Educational Projections of Deep-South Delinquent and Non-Delinquent Black Males. | | A Comprehensive Orientation to the World of Work through Industrial Arts and Vocational Education (Grades 1-12). | |
| VT 012 724 | 64 | VT 012 705 ED 048 487 | 62 |
| Vocational Maturity and Vocational Training. | | Testing of the Guidance Program. Project ABLE; Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. | |
| VT 012 738 | 66 | VT 012 976 ED (SEE AUG '71 RIE) | 84 |
| Toward Your Future Job--Drive or Drift? An Exploratory Look at Career Hopes and Occupational Aspirations of Young People of Oregon. | | Bridging the Gap, An Independent Case Study. | |
| OCCUPATIONAL CHOICE | | OCCUPATIONAL HOME ECONOMICS | |
| VT 012 033 | 17 | VT 008 571 | 4 |
| A Study of High School Seniors from Two South Dakota Area | | A Blueprint for the Training of School Lunch Personnel in the Indiana Public Schools. | |
| Vocational-Technical School Areas Who Are Interested in Non-Farm Agricultural Occupations. | | VT 012 417 ED 049 358 | 37 |
| OCCUPATIONAL CLUSTERS | | An Investigation of the Effectiveness of a Design to Initiate Curriculum Change in Home Economics. Pilot Study: Phase I. | |
| VT 011 591 ED 048 433 | 10 | OCCUPATIONAL INFORMATION | |
| Organizational Role Behaviour. | | VT 011 856 | 13 |
| OCCUPATIONAL EXPLORATION | | Annotated Bibliography of Publications and Reports of Research Dealing with the Interpretation of the "World of Work" to Elementary Children. | |
| VT 012 516 | 46 | VT 012 545 | 48 |
| Exploring the World of Work, Grades 6-9. | | Health Careers Information Materials. | |
| VT 012 618 ED 049 361 | 55 | VT 012 587 | 53 |
| A Comprehensive Orientation to the World of Work through Industrial Arts and Vocational Education (Grades 1-12). | | Registered Apprentice Training Entry Requirements as Established by New York State Program Sponsors--1970 A Joint Report. | |
| VT 012 913 | 79 | VT 012 640 | 56 |
| Feasibility Study of Career Ladder Curriculum and Guidance and Counseling. | | Jobs in the Plastics Industry. Series 1100-6-70. | |
| VT 013 011 ED (SEE AUG '71 RIE) | 87 | VT 012 727 | 65 |
| Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters. | | Licensed and Certified Occupations in Nevada. | |
| OCCUPATIONAL GUIDANCE | | VT 013 011 ED (SEE AUG '71 RIE) | 87 |
| VT 009 179 | 4 | Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters. | |
| Ohio Employment Information Series: Part II, Training Directory, 1969. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| OCCUPATIONAL MOBILITY | | OFF FARM AGRICULTURAL OCCUPATIONS | |
| VT 012 029 ED 048 241 | 17 | VT 012 033 | 17 |
| Worker Relocation: A Review of U.S. Department of Labor Mobility Demonstration Projects. | | A Study of High School Seniors from Two South Dakota Area Vocational-Technical School Areas Who Are Interested in Non-Farm Agricultural Occupations. | |
| VT 012 235 ED 048 453 | 27 | | |
| Toward a Career Ladder in Nursing: Upgrading Nurse's Aides to LPNs Through a Work-Study Program. | | OFFICE OCCUPATIONS EDUCATION | |
| VT 012 514 | 45 | VT 012 350 | 32 |
| Geographic-Job Mobility of the Pennsylvania State University Two-Year Technician Graduates. | | A Comparative Study of State Vocational Cooperative and Simulated Business and Office Programs. | |
| VT 012 585 ED 047 152 | 53 | VT 012 870 ED 049 378 | 75 |
| FORMER SERVICEMEN OF THE ARMY MEDICAL DEPARTMENT: A PROFILE AND ASSESSMENT OF AN UNTAPPED RESOURCE OF ALLIED HEALTH MANPOWER. HEALTH CARE RESEARCH SERIES, NO. 14. | | A Study of the Causes of Physical and Emotional Problems Encountered by Older Women Returning to Secretarial Employment After A Prolonged Absence. | |
| VT 012 622 | 56 | | |
| Indigenous Manpower for Social Planning. Report of a Work Conference (May 1, 1970). | | OFFICER PERSONNEL | |
| VT 012 623 | 56 | VT 012 178 ED (SEE AUG '71 RIE) | 24 |
| Mental Health Worker Career Series. | | Career Indications Among Junior Officers. | |
| VT 012 713 | 63 | | |
| Community Development Training Program. | | OHIO | |
| VT 012 819 ED 049 369 | 69 | VT 009 178 | 4 |
| Incidence of Geographic and Occupational Mobility Among Certified Electronic Technicians in the Middle Atlantic States. | | Ohio Employment Information Series: Part II, Training Directory, 1969. | |
| VT 012 855 ED 049 375 | 72 | VT 012 387 | 34 |
| Conference on Upgrading and New Hires. | | Ohio Schools of Nursing Notebook for School Counselors. | |
| | | | |
| NATIONAL SURVEYS | | ON THE JOB TRAINING | |
| VT 011 471 ED (SEE AUG '71 RIE) | 9 | VT 012 291 | 29 |
| Industry Hiring Requirements and the Employment of Disadvantaged Groups. | | The American Telephone and Telegraph. | |
| VT 011 993 ED 048 438 | 15 | | |
| Background Facts on Women Workers in the United States. | | OPHTHALMOLOGY | |
| VT 012 386 | 34 | VT 012 888 | 77 |
| Supply and Demand for Teachers of Vocational Agriculture in 1970. | | National Apprenticeship Policy for Ophthalmic Finisher-Dispenser. | |
| VT 012 508 | 45 | | |
| Occupational Employment Statistics, 1960-67. | | OPINIONS | |
| VT 012 528 | 46 | VT 012 455 | 40 |
| Occupational and Technical Education Needs of Business and Industrial Firms of the Big Horn Basin. | | Evaluation of Summer Vocational Classes for High School Students at Utah Technical College at Provo and in Alpine, Nebo, and Provo School Districts 1964-1969. | |
| | | | |
| OCCUPATIONAL TRAINING INFORMATION SYSTEM | | OPTICIANS | |
| VT 012 820 | 70 | VT 012 888 | 77 |
| Cycle Three Report. Occupational Training Information System. | | National Apprenticeship Policy for Ophthalmic Finisher-Dispenser. | |
| | | | |
| OCCUPATIONS | | ORGANIZATION SIZE (GROUPS) | |
| VT 012 727 | 65 | VT 012 056 ED (SEE AUG '71 RIE) | 19 |
| Licensed and Certified Occupations in Nevada. | | Our 31,000 Largest Farms. | |
| | | | |
| | | ORIENTATION MATERIALS | |
| | | VT 011 856 | 13 |
| | | Annotated Bibliography of Publications and Reports of Research Dealing with the Interpretation of the "World of Work" to Elementary Children. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| ORNAMENTAL HORTICULTURE OCCUPATION VT 012 445 ED 047 117 | 39 | VT 012 823 ED 048 497 | 70 |
| COMPARISON OF CERTAIN ABILITIES NEEDED BY WORKERS IN LICENSED NURSERIES AND LICENSED ORNAMENTAL HORTICULTURE BUSINESSES. | | Manual for the Minnesota Satisfactoriness Scales. | |
| OUT OF SCHOOL YOUTH VT 012 205 | 25 | PERSONNEL SELECTION VT 012 319 | 31 |
| Business Office Culture Project. | | The Tennessee State Advisory Council on Vocational Education; For Continued and Further Improvement of Education in Tennessee. | |
| PAIRED ASSOCIATE LEARNING VT 012 051 ED (SEE AUG '71 RIE) | 18 | PHILIPPINES VT 012 793 ED 049 365 | 67 |
| Task Learning, Interpersonal Learning and Cognitive Complexity. | | Summaries of Studies in Agricultural Education in the Philippines, 1930-1959. An Annotated Bibliography. | |
| PARAMEDICAL OCCUPATIONS VT 012 984 ED (SEE AUG '71 RIE) | 85 | PHYSIATRISTS VT 012 045 ED 048 442 | 17 |
| Directory of Approved Allied Medical Educational Programs, 1971. | | Pilot Study of the Practice of Physical Medicine and Rehabilitation. | |
| PATIENTS (PERSONS) VT 012 057 ED 044 521 | 19 | PHYSICAL FITNESS VT 012 898 ED 048 511 | 78 |
| THE DEVELOPMENT OF A THEORETICAL CONSTRUCT OF THE CONCEPTS OF TOUCH AS THEY RELATE TO NURSING. FINAL REPORT. | | Man, His Job, and the Environment: A Review and Annotated Bibliography of Selected Recent Research on Human Performance. | |
| PERCEPTION VT 012 505 | 45 | PHYSICALLY HANDICAPPED VT 012 889 | 77 |
| Implementing Evaluation Findings. | | Minutes, Annual Meeting, 1970. | |
| PERFORMANCE VT 011 592 ED 048 434 | 10 | VT 012 964 ED 049 387 | 83 |
| Autonomy in Work. | | Development of Educational Programs for New Careers in Recreation Services for the Disabled. | |
| VT 012 898 ED 048 511 | 78 | PILOT PROJECTS VT 005 614 | 2 |
| Man, His Job, and the Environment: A Review and Annotated Bibliography of Selected Recent Research on Human Performance. | | Correspondence Used in Typing Audio Lab. | |
| PERFORMANCE FACTORS VT 011 591 ED 048 433 | 10 | VT 012 544 ED 048 470 | 48 |
| Organizational Role Behaviour. | | Pilot Pattern for Home Management Instruction in Area Vocational School Curricula. | |
| PERFORMANCE TESTS VT 012 550 | 48 | VT 012 963 ED 049 386 | 82 |
| Prediction of Job Performance for Negro and White Medical Technicians. | | A Five-State Try-Out and Demonstration Program to Determine the Generalizability of an Evaluation System for Local Programs of Vocational and Technical Education. | |
| VT 012 726 | 65 | PLASTICS VT 011 515 | 13 |
| An Approach to the Development of Synthetic Performance Tests for Use in Training Evaluation. | | Developing and Testing of an Instructional System in Plastics. Program Report: Improving Instruction in Small Schools. | |
| PERSONALITY STUDIES VT 012 208 | 25 | VT 012 640 | 56 |
| The Development of Measures of Vocational Interests and Relevant Aptitudes for the Deaf. Final Draft. | | Jobs in the Plastics Industry. Series 1100-6-70. | |
| PERSONNEL EVALUATION VT 012 262 | 28 | POLICE VT 012 718 | 63 |
| The Effect of Industrial Education on Educable Mental Retardates Entering the Labor Force. | | Preparation for Law Enforcement. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| POLICE COMMUNITY RELATIONSHIP | | PRODUCTIVITY | |
| VT 012 360 ED (SEE AUG '71 RIE) | 32 | VT 012 617 ED 048 479 | 55 |
| Police-Community Relations. | | Patterns of U.S. Economic Growth, 1980 Projections. | |
| POLICE SEMINARS | | PROFESSIONAL CONTINUING EDUCATION | |
| VT 012 360 ED (SEE AUG '71 RIE) | 32 | VT 012 763 ED 049 363 | 66 |
| Police-Community Relations. | | Tufts University Summer Guidance Institute on the Utilization of Occupational Education and Placement (Medford, Mass., Jul 20-31, 1970). Final Report. | |
| POLICY FORMATION | | PROFESSIONAL EDUCATION | |
| VT 011 583 | 10 | VT 012 054 ED 048 444 | 18 |
| Guidelines for Discretion. Five Models for Local Law Enforcement Agencies. | | The Cost and Output of Graduate Social Work Education: An Exploratory Study. | |
| POST SECONDARY EDUCATION | | VT 012 718 | 63 |
| VT 009 178 | 4 | Preparation for Law Enforcement. | |
| Ohio Employment Information Series: Part II, Training Directory, 1969. | | PROFESSIONAL OCCUPATIONS | |
| VT 012 183 | 24 | VT 012 985 ED (SEE AUG '71 RIE) | 85 |
| 1970-71 Directory of Post-Secondary Education in Agricultural and Natural Resource Occupations. | | Training of Health Service Personnel in the Veterans' Administration. | |
| VT 012 467 ED 049 359 | 41 | PROFESSIONAL PERSONNEL | |
| Postsecondary Occupational Education Seminar, Federal Programs for the 1970's (Arlington, Virginia, May 10-12, 1970). | | VT 011 963 ED 043 783 | 14 |
| VT 012 874 ED 048 506 | 75 | Factors Associated with the Migration of High-Level Persons from the Philippines to the U.S.A.. | |
| A Survey and Analysis of the Educational Tasks of Ohio's Post High School Technical Instructors: Implications for Teacher Education. | | VT 012 969 ED 049 389 | 84 |
| POVERTY PROGRAMS | | Proceedings of the Training Institute for Rural Disadvantaged, August 17-21, 1970. | |
| VT 012 958 ED 049 384 | 81 | PROFESSIONAL RECOGNITION | |
| Strengthening Labor's Role in the War on Poverty. | | VT 012 679 ED 049 362 | 61 |
| PRACTICAL NURSES | | From Student to Practitioner: Professionalization and De-Professionalization in Rehabilitation Counseling. Working Paper No. 7. Career Contingencies of the Rehabilitation Counselor. | |
| VT 012 235 ED 048 453 | 27 | PROGRAM ADMINISTRATION | |
| Toward a Career Ladder in Nursing: Upgrading Nurse's Aides to LPNs Through a Work-Study Program. | | VT 011 686 ED 043 744 | 11 |
| PRACTICAL NURSING | | Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education. | |
| VT 001 874 | 2 | VT 011 961 ED 043 781 | 14 |
| Practical Nursing Education. A Guide to the Improvement of Classroom Teaching and Testing. | | Patterns and Guidelines for Administering Exemplary Programs and Projects at the State Level. | |
| VT 012 671 ED (SEE AUG '71 RIE) | 60 | VT 012 087 | 20 |
| Section Report on Licensed Practical Nurse. An Exploratory Study to Analyze New Skill Content in Selected Occupations in Michigan and the Mechanism for Its Translation into Vocational Education Curricula. | | Guidelines for Personnel and Program Approval. | |
| PRISONERS | | VT 012 587 | 53 |
| VT 012 115 ED 048 445 | 20 | Registered Apprentice Training Entry Requirements as Established by New York State Program Sponsors--1970 A Joint Report. | |
| Project Crossroads--Phase 1. Final Report. | | | |
| PROBATIONARY PERIOD | | | |
| VT 012 304 ED 048 458 | 30 | | |
| The Manhattan Court Employment Project. Summary Report on Phase One. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| PROGRAM CONTENT | | | |
| VT 012 439 ED (SEE AUG '71 RIE) Vocational-Technical Education in Agricultural Resources. Final Report. | 38 | VT 012 007 Implementation of Vocational Education in Distribution. | 15 |
| PROGRAM COORDINATION | | | |
| VT 012 275 ED 048 455 Articulations Between Medical and Premedical Education. Proceedings of a Conference. | 29 | VT 012 394 "Hire" Education by Decision--Not Default. | 35 |
| PROGRAM DESCRIPTION | | | |
| VT 012 551 Vocational-Technical Education in New Mexico. 1970 Annual Report. | 49 | VT 012 439 ED (SEE AUG '71 RIE) Vocational-Technical Education in Agricultural Resources. Final Report. | 38 |
| PROGRAM DESCRIPTIONS | | | |
| VT 009 178 Ohio Employment Information Series: Part II, Training Directory, 1969. | 4 | VT 012 497 Special Project for the Implementation of Cooperative Education. | 44 |
| VT 011 731 Annual Report of COPE (3rd): The Cooperative Occupational Pre-Teaching Experience Program. | 12 | VT 012 507 A Report of the National Center for World-of-Work Economic Education Programs. | 45 |
| VT 012 413 ED 048 460 A Description of Special Vocational Education Programs for Disadvantaged Persons in Pennsylvania. | 36 | VT 012 516 Exploring the World of Work, Grades 6-9. | 46 |
| VT 012 560 ED 048 470 Vocational Education Programs for Special Needs Students in Secondary Schools of Mississippi. | 50 | VT 012 671 ED (SEE AUG '71 RIE) Section Report on Licensed Practical Nurse. An Exploratory Study to Analyze New Skill Content in Selected Occupations in Michigan and the Mechanism for Its Translation into Vocational Education Curricula. | 60 |
| VT 012 613 Four Corners Regional Project for Vocational Education in Arizona. Final Report. | 54 | VT 012 731 ED 048 491 Resource Manual 71 for the Development of Cooperative Vocational Education Programs Under the Vocational Education Amendments of 1968. | 65 |
| VT 012 887 ED (SEE AUG '71 RIE) Annual Report of the Commission on Manpower and Full Employment. | 76 | VT 012 824 Bibliography of CORE (Careers Oriented Relevant Education). Related Projects and Materials. | 71 |
| PROGRAM DESCRIPTORS | | | |
| VT 012 388 First Annual Report of the Michigan Advisory Council for Vocational Education. | 34 | VT 012 866 ED 048 505 Industrial Arts Teacher Education Fellowship Program in the Technologies, 1969-1970. | 74 |
| PROGRAM DESIGN | | | |
| VT 012 651 ED 048 481 A Guide for the Development and Installation of Occupational Training Programs and Services for Disadvantaged and Handicapped Persons. | 58 | VT 012 880 ED 048 508 Cooperative Occupational Education Programs--A Conference Seminar To Extend The Range of Vocational Education. | 76 |
| PROGRAM DEVELOPMENT | | | |
| VT 011 595 ED 048 437 Studies of Education and Work. | 11 | VT 012 941 ED 048 513 Projected Activities for Fifth Funding Period and Annual Report. | 80 |
| VT 011 902 A Concerned Texas. A Report of the Governor's Conference on Technical-Vocational Education. | 13 | PROGRAM EFFECTIVENESS | |
| VT 011 961 ED 043 781 Patterns and Guidelines for Administering Exemplary Programs and Projects at the State Level. | 14 | VT 012 455 Evaluation of Summer Vocational Classes for High School Students at Utah Technical College at Provo and in Alpine, Nebo, and Provo School Districts 1964-1969. | 40 |
| | 142 | VT 012 817 ED 048 495 Project SUCCESS: Student Upward Challenges in Comprehensive Exemplary Secondary Schools, School Year 1969-70. Final Report. | 69 |
| | | VT 012 955 ED 049 383 The Role of Texas' Secondary Schools in the Preparation of Youth for Employment. | 81 |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| VT 013 045 ED 049 394 | 88 | VT 012 451 ED 048 462 | 39 |
| A Study of the Effectiveness of Public Postsecondary Vocational-Technical Education in Preparing Graduates for the Labor Force. | | Longitudinal Evaluation Study of Five Manpower Training Programs: Investigation of the Study Sample Design. | |
| PROGRAM EVALUATION | | VT 012 455 | 40 |
| VT 012 129 | 22 | Evaluation of Summer Vocational Classes for High School Students at Utah Technical College at Provo and in Alpine, Nepo, and Provo School Districts 1964-1969. | |
| A Follow-up Study of Graduates from a Vocational Rehabilitation Program in a Residential Training Center for the Mentally Retarded. | | VT 012 464 | 41 |
| VT 012 174 | 24 | 1970 Annual Evaluation Report to the State Board for Vocational Education. | |
| Reading Institute for Vocational Teachers (March 20, 1969 to June 30, 1970). Director's Report. | | VT 012 494 | 44 |
| VT 012 213 ED 048 452 | 26 | Report of an Evaluation of the Vocational-Technical Program in South Dakota. | |
| Educational and Occupational Aspirations and Expectations of High School Youth. | | VT 012 495 | 44 |
| VT 012 224 | 27 | 1970 Evaluation Report on Wyoming Occupational Education. | |
| Report of the Minnesota State Advisory Council for Vocational Education--1970. | | VT 012 505 | 45 |
| VT 012 324 | 31 | Implementing Evaluation Findings. | |
| Annual Evaluation Report--FY 1970. | | VT 012 525 | 46 |
| VT 012 334 | 31 | Annual Evaluation Report. | |
| First Annual Report of the Arizona State Advisory Council for Vocational Education. | | VT 012 528 | 46 |
| VT 012 346 | 31 | Occupational and Technical Education Needs of Business and Industrial Firms of the Big Horn Basin. | |
| The Development of a Procedure for Continuous Evaluation of the Green River High School Business Education Program. | | VT 012 579 ED 047 151 | 52 |
| VT 012 350 | 32 | MICHIGAN RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT, JULY 1, 1967-AUGUST 31, 1969. | |
| A Comparative Study of State Vocational Cooperative and Simulated Business and Office Programs. | | VT 012 628 | 56 |
| VT 012 376 | 33 | Self Evaluation. | |
| A Study of Vocational Education in the Muscle Shoals Region. | | VT 012 647 ED (SEE AUG '71 RIE) | 57 |
| VT 012 389 | 35 | Model for Evaluation of Secondary School Programs of Vocational Education in Agriculture. | |
| Evaluation of the State Plan for the Administration of Vocational Education Under the Vocational Education Amendments of 1968. | | VT 012 669 ED (SEE AUG '71 RIE) | 60 |
| VT 012 393 | 35 | Section Report on Dental Assistant. An Exploratory Study to Analyze New Skill Content in Selected Occupations in Michigan and the Mechanism for its Translation into Vocational Education Curricula. | |
| First Report, Advisory Council to the Oklahoma State Board of Vocational and Technical Education. | | VT 012 705 ED 048 487 | 62 |
| VT 012 394 | 35 | Testing of the Guidance Program. Project ABLE; Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. | |
| "Hire" Education by Decision--Not Default. | | VT 012 720 ED 048 488 | 64 |
| VT 012 397 | 35 | Research Visibility: Research and Evaluation. | |
| Report of the New York State Advisory Council on Vocational Education Teacher Certification Study Committee. | | VT 012 737 | 66 |
| VT 012 398 | 35 | First Annual Report. | |
| Evaluation Report of Vocational-Technical Education in Maryland | | VT 012 763 ED 049 363 | 66 |
| | | Tufts University Summer Guidance Institute on the Utilization of Occupational Education and Placement (Medford, Mass., Jul 20-31, 1970). Final Report. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| VT 012 817 ED 048 495 | 69 | VT 012 817 ED 048 495 | 69 |
| Project SUCCESS: Student Upward Challenges in Comprehensive Exemplary Secondary Schools, School Year 1969-70. Final Report. | | Project SUCCESS: Student Upward Challenges in Comprehensive Exemplary Secondary Schools, School Year 1969-70. Final Report. | |
| VT 012 818 ED 048 496 | 69 | VT 013 054 ED 049 395 | 88 |
| Project "Follow-Up." Interim Report. | | Development of a Plan to Improve the Personalized Instruction Program at Vocational Village. Final Report. | |
| VT 012 953 ED 048 515 | 81 | PROGRAM PLANNING | |
| The Continuation of the Center For Research, Development and Training In Occupational Education. Quarterly Report. | | VT 012 272 | 29 |
| VT 012 958 ED 049 384 | 81 | State of Washington Comprehensive Manpower Plan for Fiscal Year 1971. | |
| Strengthening Labor's Role in the War on Poverty. | | VT 012 389 | 35 |
| VT 012 963 ED 049 386 | 82 | Evaluation of the State Plan for the Administration of Vocational Education Under the Vocational Education Amendments of 1968. | |
| A Five-State Try-Out and Demonstration Program to Determine the Generalizability of an Evaluation System for Local Programs of Vocational and Technical Education. | | VT 012 731 ED 048 491 | 65 |
| VT 013 018 | 87 | Resource Manual 71 for the Development of Cooperative Vocational Education Programs Under the Vocational Education Amendments of 1968. | |
| The HELP Campaign--An Evaluation. | | VT 012 872 | 75 |
| VT 013 045 ED 049 394 | 88 | Health Planning: A Bibliography of Basic Readings. | |
| A Study of the Effectiveness of Public Posts Secondary Vocational-Technical Education in Preparing Graduates for the Labor Force. | | VT 012 887 ED (SEE AUG '71 RIE) | 76 |
| PROGRAM GUIDES | | Annual Report of the Commission on Manpower and Full Employment. | |
| VT 008 571 | 4 | PROGRAM PROPOSALS | |
| A Blueprint for the Training of School Lunch Personnel in the Indiana Public Schools. | | VT 012 497 | 44 |
| VT 012 534 | 47 | Special Project for the Implementation of Cooperative Education. | |
| An Aviation Program--Getting it Off the Ground. | | PROGRAMERS | |
| VT 012 651 ED 048 481 | 58 | VT 012 352 ED 048 499 | 72 |
| A Guide for the Development and Installation of Occupational Training Programs and Services for Disadvantaged and Handicapped Persons. | | An Experimental Comparison of Two Methods of Teaching Numerical Control Manual Programming Concepts: Visual Media Versus Hands-On Equipment. | |
| VT 012 862 ED 048 503 | 74 | PROJECT ABLE | |
| Guide For State Vocational-Technical Education Information Dissemination Systems. | | VT 012 705 ED 048 487 | 62 |
| VT 012 880 ED 048 508 | 76 | Testing of the Guidance Program. Project ABLE: Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. | |
| Cooperative Occupational Education Programs--A Conference Seminar To Extend The Range of Vocational Education. | | VT 012 811 ED 048 492 | 68 |
| PROGRAM IMPROVEMENT | | Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. Project ABLE, Final Report. | |
| VT 011 902 | 13 | PROJECT BUILD | |
| A Concerned Texas. A Report of the Governor's Conference on Technical-Vocational Education. | | VT 012 011 ED (SEE AUG '71 RIE) | 16 |
| VT 012 346 | 31 | Project BUILD, A Manpower Demonstration Program: February, 1968-March, 1969. | |
| The Development of a Procedure for Continuous Evaluation of the Green River High School Business Education Program. | | | |
| VT 012 363 | 33 | | |
| Apprenticeship Coordinators. | 144 | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| PROJECT SUCCESS | | RACIAL DISCRIMINATION | |
| VT 012 817 ED 048 495 | 69 | VT 012 127 ED 048 447 | 21 |
| Project SUCCESS: Student Upward Challenges in Comprehensive Exemplary Secondary Schools, School Year 1969-70. Final Report. | | The Elasticity of Substitution of White for Nonwhite Labor. | |
| PROJECT TRAINING METHODS | | VT 012 452 ED 048 463 | 39 |
| VT 006 122 ED (SEE AUG '71 RIE) | 2 | Racial Discrimination in the Job Market: The Role of Information and Search. | |
| A Comparison of Two Methods of Preparing Youth for Employment: Cooperative Occupational Education Versus the Preparatory Vocational-Technical School. | | RACIAL FACTORS | |
| PROMOTION (OCCUPATIONAL) | | VT 012 415 | 37 |
| VT 012 026 ED 048 440 | 16 | A Study of the Office Employment Expectations of White and Nonwhite Business Education Students.. | |
| Career Mobility for Paraprofessionals in Human Service Agencies. | | RATING SCALES | |
| VT 012 291 | 29 | VT 012 550 | 48 |
| The American Telephone and Telegraph. | | Prediction of Job Performance for Negro and White Medical Technicians. | |
| PSYCHIATRIC HOSPITALS | | READING INSTRUCTION | |
| VT 012 131 | 22 | VT 012 174 | 24 |
| A Two Year Follow-Up of a Cooperative Vocational Rehabilitation Program at Metropolitan State Hospital. | | Reading Institute for Vocational Teachers (March 20, 1969 to June 30, 1970). Director's Report. | |
| PUBLIC POLICY | | RECORDS (FORMS) | |
| VT 012 517 ED 048 468 | 46 | VT 010 385 ED 038 505 | 7 |
| Manpower Services to Minority Groups: A Desk Reference for ES Personnel. | | APPRENTICESHIP PAST AND PRESENT. | |
| VT 012 854 ED 048 501 | 70 | RECREATIONAL PROGRAMS | |
| Improving The Nation's Manpower Effort: Position Paper. | | VT 012 964 ED 049 387 | 83 |
| PUBLIC SCHOOLS | | Development of Educational Programs for New Careers in Recreation Services for the Disabled. | |
| VT 009 922 ED 034 874 | 5 | RECRUITMENT | |
| Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development. | | VT 011 375 ED (SEE AUG '71 RIE) | 9 |
| QUALIFICATIONS | | Graduate, Then What--Jobs in Health. | |
| VT 012 587 | 53 | REFERENCE BOOKS | |
| Registered Apprentice Training Entry Requirements as Established by New York State Program Sponsors--1970 A Joint Report. | | VT 012 891 | 77 |
| QUESTIONNAIRE RETURN PROBLEMS | | Standard Terminology For Curriculum and Instruction In Local and State School Systems. | |
| VT 011 744 | 12 | REGIONAL PLANNING | |
| The Professor of Agriculture: His Response to Questionnaire. | | VT 012 376 | 33 |
| QUESTIONNAIRES | | A Study of Vocational Education in the Muscle Shoals Region. | |
| VT 010 482 | 7 | REGIONAL PROGRAMS | |
| Questionnaire for Review of Curricula in Engineering Technology. | | VT 012 613 | 54 |
| VT 011 744 | 12 | Four Corners Regional Project for Vocational Education in Arizona. Final Report. | |
| The Professor of Agriculture: His Response to Questionnaire. | | VT 012 884 ED 048 509 | 76 |
| VT 012 823 ED 048 497 | 70 | Regional Medical Programs National Applied Health Conference. | |
| Manual for the Minnesota Satisfactoriness Scales. | | REHABILITATION | |
| | | VT 012 045 ED 048 442 | 17 |
| | | Pilot Study of the Practice of Physical Medicine and Rehabilitation. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| REHABILITATION COUNSELING | | RESEARCH DESIGN | |
| VT 012 676 | 61 | VT 012 451 ED 048 462 | 39 |
| Rehabilitation Counseling | | Longitudinal Evaluation Study of | |
| Leadership: Present and Potential. | | Five Manpower Training Programs: | |
| Working Paper No. 5. Career | | Investigation of the Study Sample | |
| Contingencies of the Rehabilitation | | Design. | |
| Counselor. | | VT 012 833 ED 049 372 | 71 |
| REHABILITATION PROGRAMS | | Employment Contexts and | |
| VT 012 304 ED 048 458 | 30 | Disadvantaged Workers. Phase 1, | |
| The Manhattan Court Employment | | Final Report. | |
| Project. Summary Report on Phase | | | |
| One. | | RESEARCH METHODOLOGY | |
| RELEVANCE (EDUCATION) | | VT 011 744 | 12 |
| VT 012 824 | 71 | The Professor of Agriculture: His | |
| Bibliography of CORE (Careers | | Response to Questionnaire. | |
| Oriented Relevant Education). | | VT 012 045 ED 048 442 | 17 |
| Related Projects and Materials. | | Pilot Study of the Practice of | |
| | | Physical Medicine and | |
| RELOCATION | | Rehabilitation. | |
| VT 012 029 ED 048 441 | 17 | VT 012 833 ED 049 372 | 71 |
| Worker Relocation: A Review of U.S. | | Employment Contexts and | |
| Department of Labor Mobility | | Disadvantaged Workers. Phase 1, | |
| Demonstration Projects. | | Final Report. | |
| VT 012 514 | 45 | RESEARCH NEEDS | |
| Geographic-Job Mobility of the | | VT 011 686 ED 043 744 | 11 |
| Pennsylvania State University | | Review and Synthesis of Research | |
| Two-Year Technician Graduates. | | and Developmental Activities | |
| VT 012 819 ED 049 369 | 69 | Concerning State Advisory Councils | |
| Incidence of Geographic and | | on Vocational Education. | |
| Occupational Mobility Among | | VT 012 438 (E AUG '71 RIE) | 38 |
| Certified Electronic Technicians in | | Research in Agricultural Education | |
| the Middle Atlantic States. | | Program Beyond High School. | |
| REPORTS | | VT 012 650 | 50 |
| VT 012 516 | 46 | Maintaining Efficient Training | |
| Exploring the World of Work, Grades | | Programs for Air Force Technical | |
| 6-9. | | Specialties. | |
| VT 012 694 ED 048 485 | 62 | VT 012 658 ED 048 482 | 58 |
| Rehabilitation Research and | | Review and Synthesis of Research | |
| Demonstration Projects, 1955-1970. | | and Consumer and Homemaking | |
| VT 012 953 ED 048 515 | 81 | Education. | |
| The Continuation of the Center For | | RESEARCH PROBLEMS | |
| Research, Development and Training | | VT 012 579 ED 047 151 | 52 |
| In Occupational Education. | | MICHIGAN RESEARCH COORDINATING UNIT | |
| Quarterly Report. | | FOR VOCATIONAL EDUCATION. FINAL | |
| RESEARCH AND DEVELOPMENT CENTERS | | REPORT, JULY 1, 1967-AUGUST 31, | |
| VT 012 941 ED 048 513 | 80 | 1969. | |
| Projected Activities for Fifth | | RESEARCH PROJECTS | |
| Funding Period and Annual Report. | | VT 012 602 ED 048 477 | 54 |
| VT 012 953 ED 048 515 | 81 | Manpower Research Projects Through | |
| The Continuation of the Center For | | June 30, 1970. | |
| Research, Development and Training | | VT 012 694 ED 048 485 | 62 |
| In Occupational Education. | | Rehabilitation Research and | |
| Quarterly Report. | | Demonstration Projects, 1955-1970. | |
| RESEARCH COORDINATING UNITS | | VT 012 941 ED 048 513 | 80 |
| VT 012 579 ED 047 151 | 52 | Projected Activities for Fifth | |
| MICHIGAN RESEARCH COORDINATING UNIT | | Funding Period and Annual Report. | |
| FOR VOCATIONAL EDUCATION. FINAL | | VT 012 953 ED 048 515 | 81 |
| REPORT, JULY 1, 1967-AUGUST 31, | | The Continuation of the Center For | |
| 1969. | | Research, Development and Training | |
| VT 012 862 ED 048 503 | 74 | In Occupational Education. | |
| Guide For State | | Quarterly Report. | |
| Vocational-Technical Education | | | |
| Information Dissemination Systems. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| RESEARCH REVIEWS (PUBLICATIONS) | | RISK | |
| VT 011 686 ED 043 744 | 11 | VT 012 452 ED 048 463 | 39 |
| Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education. | | Racial Discrimination in the Job Market: The Role of Information and Search. | |
| VT 012 568 ED 047 150 | 50 | ROLE THEORY | |
| RESEARCH VISIBILITY: VOCATIONAL EDUCATION RESEARCH. | | VT 011 591 ED 048 433 | 10 |
| VT 012 658 ED 048 482 | 58 | Organizational Role Behaviour. | |
| Review and Synthesis of Research and Consumer and Homemaking Education. | | SAFETY EDUCATION | |
| VT 012 720 ED 048 488 | 64 | VT 012 570 | 51 |
| Research Visibility: Research and Evaluation. | | Education for Safer Agriculture. | |
| RESEARCH UTILIZATION | | SALARY DIFFERENTIALS | |
| VT 012 414 ED 048 461 | 36 | VT 012 127 ED 048 447 | 21 |
| Leadership and Change in Vocational-Technical Education: Administrators' Workshop. | | The Elasticity of Substitution of White for Nonwhite Labor. | |
| VT 012 505 | 45 | VT 012 576 ED (SEE AUG '71 RIE) | 52 |
| Implementing Evaluation Findings. | | Fact Sheet on the Earnings Gap. | |
| RESIDENTIAL PROGRAMS | | SCHEDULE MODULES | |
| VT 012 129 | 22 | VT 011 472 | 9 |
| A Follow-up Study of Graduates from a Vocational Rehabilitation Program in a Residential Training Center for the Mentally Retarded. | | The Implementation of Flexible Modular Scheduling for Industrial Education. | |
| RESOURCE ALLOCATIONS | | SCHOOL ENVIRONMENT | |
| VT 012 538 ED 047 143 | 47 | VT 011 593 ED 048 435 | 10 |
| A NEW ROLE FOR INDUSTRIAL ARTS IN THE SENIOR HIGH SCHOOL. | | The Formal Environments for Learning: Schools, Colleges, and Universities. | |
| VT 012 942 ED 049 381 | 80 | SCHOOL INDUSTRY RELATIONSHIP | |
| Cost-Benefit Aspects Of Manpower Retraining. | | VT 012 497 | 44 |
| RESOURCE IDES | | Special Project for the Implementation of Cooperative Education. | |
| VT 012 810 ED 049 367 | 68 | VT 012 653 | 58 |
| A Compilation of Resource Lists for Vocational Educators: An Annotated Bibliography of Bibliographies in Vocational Education, 1960-1969. | | Summary 1969-1970. | |
| RESOURCE MATERIALS | | VT 012 755 | 66 |
| VT 012 483 ED 047 126 | 43 | Emerging Patterns. Academic and Industrial Approaches to Education, Training and Manpower Development in Graphic Communications. | |
| MUSEUM RESOURCES AND THEIR UTILIZATION IN INDUSTRIAL ARTS EDUCATION. | | SCHOOL LOCATION | |
| VT 012 824 | 71 | VT 012 454 ED 048 464 | 40 |
| Bibliography of CORE (Careers Oriented Relevant Education). Related Projects and Materials. | | A Determination of Selected Criteria to be Utilized in Locating and Establishing Area Vocational Education Schools in Utah. | |
| RETENTION | | SCHOOL PERSONNEL | |
| VT 012 462 ED 047 121 | 40 | VT 012 951 ED (SEE AUG '71 RIE) | 81 |
| AN EXPERIMENT TO DETERMINE THE EFFECTS OF IMMEDIATE VERSUS DELAYED KNOWLEDGE OF RESULTS ON INITIAL LEARNING AND RETENTION OF SELECTED RELATED LEARNING IN TRANSCRIPTION CLASSES. | | Vocational Education: Innovations Revolutionize Career Training. Education U.S.A. Special Report. | |
| | | SCHOOL ROLE | |
| | | VT 012 665 ED 048 484 | 59 |
| | | Education in a Technological Society. | |
| | | SCHOOL SURVEYS | |
| | | VT 012 213 ED 048 452 | 26 |
| | | Educational and Occupational Aspirations and Expectations of High School Youth. | |

SUBJECT AND IDENTIFIER INDEX

PAGE

PAGE

SCHOOLS

VT 012 387
Ohio Schools of Nursing Notebook
for School Counselors.

34

SCIENTIFIC PERSONNEL

VT 012 590 ED 048 476
Water-Resources Manpower: Supply
and Demand Patterns to 1980.
VT 012 775 ED 049 364
The Technical Manpower Shortage:
How Acute? A Chart Essay.

54

67

SEASONAL EMPLOYMENT

VT 012 586 ED 048 475
Seasonality and Manpower in
Construction.

53

SECONDARY EDUCATION

VT 012 346
The Development of a Procedure for
Continuous Evaluation of the Green
River High School Business
Education Program.

31

VT 012 417 ED 049 358
An Investigation of the
Effectiveness of a Design to
Initiate Curriculum Change in Home
Economics. Pilot Study: Phase 1.
VT 012 558 ED 047 147

37

VOCATIONAL EDUCATION INSTRUCTION
SIMILARITIES IN CERTAIN CONTENT
AREAS IN THE SECONDARY SCHOOLS.
VT 012 955 ED 049 383
The Role of Texas' Secondary
Schools in the Preparation of Youth
for Employment.

49

81

SECONDARY GRADES

VT 012 618 ED 049 361
A Comprehensive Orientation to the
World of Work through Industrial
Arts and Vocational Education
(Grades 1-12).

55

SECONDARY SCHOOL COUNSELORS

VT 012 387
Ohio Schools of Nursing Notebook
for School Counselors.

34

SECONDARY SCHOOL STUDENTS

VT 012 116 ED 048 446
A Job Placement and Group
Vocational Guidance Program for
Culturally Deprived High School
Youth. Phase I,
VT 012 693
Work Oriented Curriculum Project.
VT 012 914
Summer Employment of Ontario
Secondary School Students, 1969.

21

62

79

SECONDARY SCHOOLS

VT 012 647 ED (SEE AUG '71 RIE)
Model for Evaluation of Secondary
School Programs of Vocational
Education in Agriculture.

57

SECRETARIES

VT 012 870 ED 049 378
A Study of the Causes of Physical
and Emotional Problems Encountered
by Older Women Returning to
Secretarial Employment After A
Prolonged Absence.

75

SELF CONCEPT

VT 012 311
A Comparison of the Self Concept of
Vocational and Technical Students.

30

SELF EVALUATION

VT 012 574
Techniques for Evaluation of Skill
Development in Agricultural
Education.

52

VT 012 628
Self Evaluation.

56

SEMINARS

VT 012 467 ED 049 359
Postsecondary Occupational
Education Seminar, Federal Programs
for the 1970's (Arlington,
Virginia, May 10-12, 1970).

41

SERVICE UNIT MANAGEMENT

VT 012 939 ED (SEE AUG '71 RIE)
SUM (Service Unit Management): An
Organizational Approach to Improved
Patient Care.

80

SINGLE CONCEPT FILMS

VT 011 915
Developing and Testing of an
Instructional System in Plastics.
Program Report: Improving
Instruction in Small Schools.

13

SITE SELECTION

VT 012 454 ED 048 464
A Determination of Selected
Criteria to be Utilized in Locating
and Establishing Area Vocational
Education Schools in Utah.

40

SKILL DEVELOPMENT

VT 012 017 ED 048 439
Skill Upgrading, Incorporated.
VT 012 224
Report of the Minnesota State
Advisory Council for Vocational
Education--1970.

16

27

VT 012 574
Techniques for Evaluation of Skill
Development in Agricultural
Education.

52

SLOW LEARNERS

VT 012 050 ED 048 443
The Effectiveness of Flash Cards in
a Mathematical Self-Study Course
for Group IV Personnel.

18

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| SOCIAL CHANGE | | SPEECH THERAPISTS | |
| VT 012 443 ED 047 116 | 38 | VT 012 210 ED 048 451 | 26 |
| AUTOMATION AND SOCIETY. THE | | Manpower Needs and Manpower | |
| GEORGIA-RELIANCE SYMPOSIUM. | | Utilization in Speech Pathology and | |
| VT 012 845 ED 049 374 | 71 | Andiology. | |
| Toward A New Activism: Youth's Role | | SPEECHES | |
| in a Changing Society. | | VT 012 767 | 67 |
| SOCIAL DISCRIMINATION | | The Seventies--Education and | |
| VT 012 576 ED (SEE AUG '71 RIE) | 52 | Change. | |
| Fact Sheet on the Earnings Gap. | | STANDARDS | |
| SOCIAL PLANNING | | VT 012 087 | 20 |
| VT 012 622 | 56 | Guidelines for Personnel and | |
| Indigenous Manpower for Social | | Program Approval. | |
| Planning. Report of a Work | | STATE AID | |
| Conference (May 1, 1970). | | VT 012 396 | 35 |
| SOCIAL STATUS | | Financing Occupational Education in | |
| VT 012 825 ED 049 371 | 71 | New York State. | |
| Women--Their Social and Economic | | VT 012 593 | 54 |
| Status. Selected References. | | The Honolulu Conference on | |
| SOCIAL STRUCTURE | | Community College Occupational | |
| VT 012 443 ED 047 116 | 38 | Education. | |
| AUTOMATION AND SOCIETY. THE | | STATE COLLEGES | |
| GEORGIA-RELIANCE SYMPOSIUM. | | VT 012 593 | 54 |
| SOCIAL WELFARE | | The Honolulu Conference on | |
| VT 012 715 | 63 | Community College Occupational | |
| Training and Education of New | | Education. | |
| Careerists in Public Welfare. | | STATE LAWS | |
| SOCIAL WORK | | VT 012 663 | 59 |
| VT 012 054 ED 048 444 | 18 | Rules and Regulations Governing | |
| The Cost and Output of Graduate | | Ambulance Service. | |
| Social Work Education: An | | STATE LEGISLATION | |
| Exploratory Study. | | VT 012 396 | 35 |
| SOCIOECONOMIC INFLUENCES | | Financing Occupational Education in | |
| VT 011 963 ED 043 783 | 14 | New York State. | |
| Factors Associated with the | | STATE PROGRAMS | |
| Migration of High-Level Persons | | VT 012 272 | 29 |
| from the Philippines to the U.S.A.. | | State of Washington Comprehensive | |
| VT 012 415 | 37 | Manpower Plan for Fiscal Year 1971. | |
| A Study of the Office Employment | | VT 012 324 | 31 |
| Expectations of White and Nonwhite | | Annual Evaluation Report--FY 1970. | |
| Business Education Students.. | | VT 012 388 | 34 |
| SOCIOECONOMIC STATUS | | First Annual Report of the Michigan | |
| VT 012 856 ED 049 376 | 73 | Advisory Council for Vocational | |
| Years for Decision: A Longitudinal | | Education. | |
| Study of the Educational and Labor | | VT 012 389 | 35 |
| Market Experience of Young Women. | | Evaluation of the State Plan for | |
| SPECIAL EDUCATION | | the Administration of Vocational | |
| VT 012 121 | 21 | Education Under the Vocational | |
| Coordinated Program of Vocational | | Education Amendments of 1968. | |
| Rehabilitation and Special | | VT 012 393 | 35 |
| Education Services for the Mentally | | First Report, Advisory Council to | |
| Retarded (Ohio County). | | the Oklahoma State Board of | |
| SPEECH PATHOLOGY | | Vocational and Technical Education. | |
| VT 012 210 ED 048 451 | 26 | VT 012 394 | 35 |
| Manpower Needs and Manpower | | "Hire" Education by Decision--Not | |
| Utilization in Speech Pathology and | | Default. | |
| Andiology. | | VT 012 397 | 35 |
| | | Report of the New York State | |
| | | Advisory Council on Vocational | |
| | | Education Teacher Certification | |
| | | Study Committee. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| VT 012 39H | 35 | VT 012 442 | 38 |
| Evaluation Report of Vocational-Technical Education in Maryland | | Foremen in Indiana Industries; Their Characteristics, Job Functions, and Educational Requirements. | |
| VT 012 464 | 41 | STRESS VARIABLES | |
| 1970 Annual Evaluation Report to the State Board for Vocational Education. | | VT 012 898 ED 048 511 | 78 |
| VT 012 494 | 44 | Man, His Job, and the Environment: A Review and Annotated Bibliography of Selected Recent Research on Human Performance. | |
| Report of an Evaluation of the Vocational-Technical Program in South Dakota. | | STUDENT ALIENATION | |
| VT 012 495 | 44 | VT 012 738 | 66 |
| 1970 Evaluation Report on Wyoming Occupational Education. | | Toward Your Future Job--Drive or Drift? An Exploratory Look at Career Hopes and Occupational Aspirations of Young People of Oregon. | |
| VT 012 525 | 46 | VT 012 845 ED 049 374 | 71 |
| Annual Evaluation Report. | | Toward A New Activism: Youth's Role in a Changing Society. | |
| VT 012 551 | 49 | STUDENT CHARACTERISTICS | |
| Vocational-Technical Education in New Mexico. 1970 Annual Report. | | VT 011 593 ED 048 435 | 10 |
| VT 012 560 ED 048 474 | 50 | The Formal Environments for Learning: Schools, Colleges, and Universities. | |
| Vocational Education Programs for Special Needs Students in Secondary Schools of Mississippi. | | STUDENT EMPLOYMENT | |
| VT 012 731 ED 048 491 | 65 | VT 012 914 | 79 |
| Resource Manual 71 for the Development of Cooperative Vocational Education Programs Under the Vocational Education Amendments of 1968. | | Summer Employment of Ontario Secondary School Students, 1969. | |
| VT 012 737 | 66 | STUDENT ENROLLMENT | |
| First Annual Report. | | VT 012 815 ED 048 494 | 68 |
| VT 012 815 ED 048 494 | 68 | State Vocational Education Statistics, Fiscal Year 1969. Preliminary Report. | |
| State Vocational Education Statistics, Fiscal Year 1969. Preliminary Report. | | STUDENT EVALUATION | |
| VT 012 887 ED (SEE AUG '71 RIE) | 76 | VT 001 874 | 2 |
| Annual Report of the Commission on Manpower and Full Employment. | | Practical Nursing Education. A Guide to the Improvement of Classroom Teaching and Testing. | |
| VT 012 955 ED 049 383 | 81 | VT 012 337 | 31 |
| The Role of Texas' Secondary Schools in the Preparation of Youth for Employment. | | Testing and Grading Practices and Opinions of Secondary Teachers in Business and Distributive Education. | |
| STATE STANDARDS | | VT 012 572 | 51 |
| VT 012 663 | 59 | Evaluation Sheets in Agricultural Mechanization Programs. | |
| Rules and Regulations Governing Ambulance Service. | | STUDENT MOTIVATION | |
| VT 012 727 | 65 | VT 012 976 ED (SEE AUG '71 RIE) | 84 |
| Licensed and Certified Occupations in Nevada. | | Bridging the Gap, An Independent Case Study. | |
| STATE SURVEYS | | STUDENT NEEDS | |
| VT 009 757 | 5 | VT 012 516 | 46 |
| Graduate Follow Up; Statistical Data on Connecticut Students Completing Vocational Programs in 1968. | | Exploring the World of Work, Grades 6-9 | |
| VT 012 035 | 17 | | |
| Apprenticeship Survey. | | | |
| VT 012 130 | 22 | | |
| A Survey of Physically and Mentally Handicapped Welfare Recipients Who Have Vocational Rehabilitation Potential. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| STUDENTS | | SYSTEMS APPROACH | |
| VT 012 174 | 24 | VT 009 597 | 4 |
| Reading Institute for Vocational Teachers (March 20, 1969 to June 30, 1970). Director's Report. | | Communication: Effective Application of Innovative Teaching Media. | |
| SUBJECT INDEX TERMS | | VT 011 721 ED 042 917 | 12 |
| VT 003 430 ED (SEE AUG '71 RIE) | 2 | Report of a Seminar: Process and Techniques of Vocational Curriculum Development, 1970. | |
| Vocational Education--An Annotated Bibliography of Selected References, 1917-1966 (Below College). | | VT 012 114 | 20 |
| SUBPROFESSIONALS | | Report of Sixth Vocational Guidance Systems Conference (Villa Park, Illinois, December 19-20, 1969). | |
| VT 012 099 | 20 | VT 012 555 ED 048 472 | 49 |
| Technicians in Non-Electrical Plant and Machinery Manufacture. | | Instructional Systems Study, Electronics Technology. | |
| VT 012 161 ED (SEE AUG '71 RIE) | 23 | VT 012 811 ED 048 492 | 68 |
| Base Engineer Automated Management System (BEAMS): Implementation/Conversion Team Education. | | Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. Project ABLE, Final Report. | |
| VT 012 366 ED 049 357 | 33 | TASK ANALYSIS | |
| New Careers for the Subprofessional. | | VT 012 650 | 58 |
| VT 012 409 ED 048 459 | 36 | Maintaining Efficient Training Programs for Air Force Technical Specialties. | |
| Allied Health Education. Comprehensive Health Services. | | VT 012 874 ED 048 506 | 75 |
| VT 012 821 ED 049 370 | 70 | A Survey and Analysis of the Educational Tasks of Ohio's Post High School Technical Instructors: Implications for Teacher Education. | |
| Manpower Conference on Allied Health Professions Assistants (Buffalo, N.Y., Apr 16-17, 1970). | | TASK PERFORMANCE | |
| VT 012 985 ED (SEE AUG '71 RIE) | 85 | VT 012 643 ED 047 160 | 57 |
| Training of Health Service Personnel in the Veterans' Administration. | | DIFFICULTY INDICES AND PERFORMANCE NORMS FOR OFFICE-TYPING TASKS. FINAL REPORT. | |
| SUCCESS FACTORS | | TEACHER ATTITUDES | |
| VT 013 045 ED 049 394 | 88 | VT 012 874 ED 048 506 | 75 |
| A Study of the Effectiveness of Public Postsecondary Vocational-Technical Education in Preparing Graduates for the Labor Force. | | A Survey and Analysis of the Educational Tasks of Ohio's Post High School Technical Instructors: Implications for Teacher Education. | |
| SUMMER EMPLOYMENT | | TEACHER CERTIFICATION | |
| VT 012 914 | 79 | VT 012 397 | 35 |
| Summer Employment of Ontario Secondary School Students, 1969. | | Report of the New York State Advisory Council on Vocational Education Teacher Certification Study Committee. | |
| SUPERVISORS | | TEACHER EDUCATION | |
| VT 012 442 | 38 | VT 011 731 | 12 |
| Foremen in Indiana Industries; Their Characteristics, Job Functions, and Educational Requirements. | | Annual Report of COPE (3rd); The Cooperative Occupational Pre-Teaching Experience Program. | |
| SYNTHESIS | | VT 012 203 | 25 |
| VT 012 515 | 46 | Vocational Instructors Workshops. Final Descriptive Report. | |
| Process Evaluation of Vocational Education. Review and Synthesis of Selected "Research in Education" Documents January 1, 1968 to August 31, 1970. | | VT 012 204 | 25 |
| | | Vocational Instructors Workshop in Cosmetology. | |
| | | VT 012 270 | 28 |
| | | Preparing the Handicapped for the World of Work. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 859 ED 049 377 | 73 | TEACHING METHODS | |
| A Study of the Need for Pedagogical Training as Perceived by the Staff of the Alberta Institutes of Technology. | | VT 012 217 | 26 |
| VT 012 866 ED 048 505 | 74 | The Effectiveness of Teaching Beginning Typewriting with Television Monitors, Selectric Typewriters, and an Open-Access Laboratory. | |
| Industrial Arts Teacher Education Fellowship Program in the Technologies, 1969-1970. | | VT 012 474 ED 048 467 | 42 |
| VT 012 874 ED 048 506 | 75 | An Experimental Evaluation of the Effectiveness of Selected Techniques and Resources on Instruction in Vocational Agriculture. | |
| A Survey and Analysis of the Educational Tasks of Ohio's Post High School Technical Instructors: Implications for Teacher Education. | | VT 012 555 ED 048 472 | 49 |
| TEACHER EDUCATION CURRICULUM | | Instructional Systems Study, Electronics Technology. | |
| VT 012 397 | 35 | VT 012 852 ED 048 499 | 72 |
| Report of the New York State Advisory Council on Vocational Education Teacher Certification Study Committee. | | An Experimental Comparison of Two Methods of Teaching Numerical Control Manual Programming Concepts: Visual Media Versus Hands-On Equipment. | |
| TEACHER EDUCATORS | | VT 012 853 ED 048 500 | 72 |
| VT 012 894 | 77 | A Comparison of Student-Designed-Circuit and Predesigned-Circuit Analysis Methods for College Students' Electricity Laboratory Experience. | |
| Agricultural Education: Some Concerns and Comforts. | | TEACHING SKILLS | |
| TEACHER ORIENTATION | | VT 012 859 ED 049 377 | 73 |
| VT 009 939 ED 034 880 | 5 | A Study of the Need for Pedagogical Training as Perceived by the Staff of the Alberta Institutes of Technology. | |
| Occupational Education Program: Image of the World of Work, Volume I. | | TEACHING TECHNIQUES | |
| VT 009 986 ED 034 885 | 6 | VT 012 050 ED 048 443 | 18 |
| Occupational Education Programs: Image of the World of Work, Volume II. | | The Effectiveness of Flash Cards in a Mathematical Self-Study Course for Group IV Personnel. | |
| TEACHER PROGRAMS | | VT 012 474 ED 048 467 | 42 |
| VT 012 866 ED 048 505 | 74 | An Experimental Evaluation of the Effectiveness of Selected Techniques and Resources on Instruction in Vocational Agriculture. | |
| Industrial Arts Teacher Education Fellowship Program in the Technologies, 1969-1970. | | VT 012 571 | 51 |
| TEACHER ROLE | | Effectiveness of Skill Sheets and Demonstration Group Size for Instruction in Agricultural Mechanics. | |
| VT 012 664 ED 048 483 | 59 | VT 012 853 ED 048 500 | 72 |
| Rehabilitation Work with the Blind; Role of the Helping Professional in Creating a Family Team. | | A Comparison of Student-Designed-Circuit and Predesigned-Circuit Analysis Methods for College Students' Electricity Laboratory Experience. | |
| TEACHER SUPPLY AND DEMAND | | TECHNICAL EDUCATION | |
| VT 012 386 | 34 | VT 008 440 ED 033 194 | 4 |
| Supply and Demand for Teachers of Vocational Agriculture in 1970. | | POLYTECHNICAL EDUCATION IN THE U.S.S.R. MONOGRAPHS ON EDUCATION-III. | |
| TEACHING | | VT 012 407 | 36 |
| VT 012 558 ED 047 147 | 49 | A System for Determining Knowledge Requirements in Electronic Technology. | |
| VOCATIONAL EDUCATION INSTRUCTION SIMILARITIES IN CERTAIN CONTENT AREAS IN THE SECONDARY SCHOOLS. | | | |
| TEACHING GUIDES | | | |
| VT 009 985 ED 034 884 | 6 | | |
| Occupational Education Programs: Image of the World of Work, Volume III. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| VT 012 438 ED (SEE AUG '71 RIE) | 38 | TEST BIAS | |
| Research in Agricultural Education | | VT 012 878 ED 048 507 | 76 |
| Program Beyond High School. | | Employment Testing And Minority | |
| VT 012 874 ED 048 506 | 75 | Groups, As Reported in the | |
| A Survey and Analysis of the | | Literature. | |
| Educational Tasks of Ohio's Post | | TEST CONSTRUCTION | |
| High School Technical Instructors: | | VT 012 208 | 25 |
| Implications for Teacher Education. | | The Development of Measures of | |
| VT 012 910 ED 048 512 | 79 | Vocational Interests and Relevant | |
| Vocational-Technical Terminology. | | Aptitudes for the Deaf. Final | |
| VT 012 961 ED 048 516 | 82 | Draft. | |
| Abstracts of Research and Related | | VT 012 710 | 63 |
| Materials in Vocational and | | Attitude Testing for an | |
| Technical Education (ARM), Winter | | Experimental Junior High School | |
| 1970. | | Course in Economic Education and | |
| VT 012 962 ED 049 385 | 82 | Manpower Development. | |
| Microfiche Collection of | | VT 012 726 | 65 |
| Clearinghouse Documents Reported in | | An Approach to the Development of | |
| Abstracts of Research and Related | | Synthetic Performance Tests for Use | |
| Materials in Vocational and | | in Training Evaluation. | |
| Technical Education (ARM), Winter | | VT 012 823 ED 048 497 | 70 |
| 1970. | | Manual for the Minnesota | |
| VT 013 045 ED 049 394 | 88 | Satisfactoriness Scales. | |
| A Study of the Effectiveness of | | TEST INTERPRETATION | |
| Public Postsecondary | | VT 012 550 | 48 |
| Vocational-Technical Education in | | Prediction of Job Performance for | |
| Preparing Graduates for the Labor | | Negro and White Medical | |
| Force. | | Technicians. | |
| VT 013 051 ED (SEE AUG '71 RIE) | 88 | VT 012 878 ED 048 507 | 76 |
| Vocational Education: Today and | | Employment Testing And Minority | |
| Tomorrow. | | Groups, As Reported in the | |
| TECHNICAL INSTITUTES | | Literature. | |
| VT 012 487 ED 049 360 | 43 | TEST SELECTION | |
| Practices and Outcomes of | | VT 012 726 | 65 |
| Vocational-Technical Education in | | An Approach to the Development of | |
| Technical and Community Colleges. | | Synthetic Performance Tests for Use | |
| VT 012 555 ED 048 472 | 49 | in Training Evaluation. | |
| Instructional Systems Study, | | TEST VALIDITY | |
| Electronics Technology. | | VT 012 724 | 64 |
| TECHNICAL OCCUPATIONS | | Vocational Maturity and Vocational | |
| VT 012 775 ED 049 364 | 67 | Training. | |
| The Technical Manpower Shortage: | | VT 012 726 | 65 |
| How Acute? A Chart Essay. | | An Approach to the Development of | |
| TECHNOLOGICAL ADVANCEMENT | | Synthetic Performance Tests for Use | |
| VT 011 111 ED (SEE AUG '71 RIE) | 8 | in Training Evaluation. | |
| Automation and Women Workers. | | TESTING | |
| VT 012 443 ED 047 116 | 38 | VT 012 337 | 31 |
| AUTOMATION AND SOCIETY. THE | | Testing and Grading Practices and | |
| GEORGIA-RELIANCE SYMPOSIUM. | | Opinions of Secondary Teachers in | |
| VT 012 665 ED 048 484 | 59 | Business and Distributive | |
| Education in a Technological | | Education. | |
| Society. | | TESTING PROBLEMS | |
| VT 012 735 | 66 | VT 012 878 ED 048 507 | 76 |
| Aerospace Education Resource | | Employment Testing And Minority | |
| Conference. | | Groups, As Reported in the | |
| VT 012 861 | 73 | Literature. | |
| The Michigan Manpower Study, | | | |
| Summary Report. | | | |
| TECHNOLOGY | | | |
| VT 012 538 ED 047 143 | | | |
| A NEW ROLE FOR INDUSTRIAL ARTS IN | | | |
| THE SENIOR HIGH SCHOOL. | | | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| TEXTBOOK CONTENT | | TRAINING AND TECHNOLOGY | |
| VT 012 004 | 15 | VT 012 369 | 33 |
| A History of Business Letter-Writing Theory as Revealed in an Interpretative Analysis of American Collegiate Business Communication Textbooks, 1915-1967. | | Training and Technology; The Effects of a Manpower Training Program on the Personal Lives of Its Graduates. | |
| TEXTBOOK RESEARCH | | TRANSFER OF TRAINING | |
| VT 012 004 | 15 | VT 012 476 | 43 |
| A History of Business Letter-Writing Theory as Revealed in an Interpretative Analysis of American Collegiate Business Communication Textbooks, 1915-1967. | | Transitional Manpower Programs. A Status Report. | |
| TRADE AND INDUSTRIAL EDUCATION | | TYPEWRITING | |
| VT 006 122 ED (SEE AUG '71 RIE) | 2 | VT 005 614 | 2 |
| A Comparison of Two Methods of Preparing Youth for Employment: Cooperative Occupational Education Versus the Preparatory Vocational-Technical School. | | Correspondence Unit as Used in Typing Audio Lab. | |
| VT 012 203 | 25 | VT 012 217 | 26 |
| Vocational Instructors Workshops. Final Descriptive Report. | | The Effectiveness of Teaching Beginning Typewriting with Television Monitors, Selectric Typewriters, and an Open-Access Laboratory. | |
| VT 012 204 | 25 | VT 012 643 ED 047 160 | 57 |
| Vocational Instructors Workshop in Cosmetology. | | DIFFICULTY INDICES AND PERFORMANCE NORMS FOR OFFICE-TYPING TASKS. FINAL REPORT. | |
| VT 012 755 | 66 | UNDEREMPLOYED | |
| Emerging Patterns. Academic and Industrial Approaches to Education, Training and Manpower Development in Graphic Communications. | | VT 012 184 ED 048 450 | 24 |
| VT 012 767 | 67 | Underemployment Estimates by County, United States, 1960. | |
| The Seventies--Education and Change. | | UNEMPLOYED | |
| VT 012 890 | 77 | VT 012 029 ED 048 441 | 17 |
| Conference Report: Trade and Industrial Education Curriculum Materials (Atlanta, Ga., July 1-2, 1968). | | Worker Relocation: A Review of U.S. Department of Labor Mobility Demonstration Projects. | |
| TRADE AND INDUSTRIAL TEACHERS | | VT 012 675 | 60 |
| VT 011 731 | 12 | Training and Technology: Annual Summary. | |
| Annual Report of COPE (Ord); The Cooperative Occupational Pre-Teaching Experience Program. | | VT 012 820 | 70 |
| TRAINABLE MENTALLY HANDICAPPED | | Cycle Three Report. Occupational Training Information System. | |
| VT 012 121 | 21 | VT 012 887 ED (SEE AUG '71 RIE) | 76 |
| Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded (Ohio County). | | Annual Report of the Commission on Manpower and Full Employment. | |
| TRAINEES | | VT 013 010 ED (SEE AUG '71 RIE) | 87 |
| VT 012 369 | 33 | Training the Poor. A Benefit-Cost Analysis of Manpower Programs in the U.S. Antipoverty Program. | |
| Training and Technology: The Effects of a Manpower Training Program on the Personal Lives of Its Graduates. | | UNEMPLOYMENT | |
| TRAINING | | VT 012 300 | 30 |
| VT 009 178 | 4 | Internal Labor Markets and Manpower Analysis. | |
| Ohio Employment Information Series: Part II, Training Directory, 1969. | | VT 012 678 | 61 |
| | | New Mexico Farm Labor and Rural Manpower Program 1969. Annual Report. | |
| | | UNION OF SOVIET SOCIALIST REPUBLICS | |
| | | VT 008 440 ED 033 194 | 4 |
| | | POLYTECHNICAL EDUCATION IN THE U.S.S.R. MONOGRAPHS ON EDUCATION-III. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| URBAN SLUMS | | VT 012 540 | 47 |
| VT 012 299 ED 048 456 | 30 | The 1970 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | |
| Urban Poverty and Labor Force Participation (and Comment). | | VT 012 573 | 52 |
| VT 012 622 | 56 | Effectiveness of Prepared Instructional Units to Teach the Principles of Internal Combustion Engine Operation and Maintenance. | |
| Indigenous Manpower for Social Planning. Report of a Work Conference (May 1, 1970). | | VT 012 574 | 52 |
| UTAH | | Techniques for Evaluation of Skill Development in Agricultural Education. | |
| VT 012 035 | 17 | VT 012 647 ED (SEE AUG '71 RIE) | 57 |
| Apprenticeship Survey. | | Model for Evaluation of Secondary School Programs of Vocational Education in Agriculture. | |
| VETERANS ADMINISTRATION | | VOCATIONAL AGRICULTURE TEACHERS | |
| VT 012 985 ED (SEE AUG '71 RIE) | 85 | VT 012 060 ED 045 824 | 19 |
| Training of Health Service Personnel in the Veterans' Administration. | | AN EXPERIMENT EVALUATING METHODS OF DISSEMINATION OF BUSINESS SIMULATION INSTRUCTIONAL MATERIALS TO AGRICULTURE TEACHERS. | |
| VOCABULARY | | VT 012 386 | 34 |
| VT 012 891 | 77 | Supply and Demand for Teachers of Vocational Agriculture in 1970. | |
| Standard Terminology For Curriculum and Instruction In Local and State School Systems. | | VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| VOCATIONAL ADJUSTMENT | | Development and Use of Subject Matter Materials for Vocational Education in Agriculture. | |
| VT 012 262 | 28 | VOCATIONAL COUNSELING | |
| The Effect of Industrial Education on Educable Mental Retardates Entering the Labor Force. | | VT 012 387 | 34 |
| VT 012 476 | 43 | Ohio Schools of Nursing Notebook for School Counselors. | |
| Transitional Manpower Programs. A Status Report. | | VOCATIONAL DEVELOPMENT | |
| VT 012 870 ED 049 378 | 75 | VT 009 939 ED 034 880 | 5 |
| A Study of the Causes of Physical and Emotional Problems Encountered by Older Women Returning to Secretarial Employment After A Prolonged Absence. | | Occupational Education Program; Image of the World of Work, Volume I. | |
| VOCATIONAL AGRICULTURE | | VT 009 985 ED 034 884 | 6 |
| VT 011 916 | 13 | Occupational Education Programs; Image of the World of Work, Volume III. | |
| Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. | | VT 009 986 ED 034 885 | 6 |
| VT 012 033 | 17 | Occupational Education Programs; Image of the World of Work, Volume II. | |
| A Study of High School Seniors from Two South Dakota Area Vocational-Technical School Areas Who Are Interested in Non-Farm Agricultural Occupations. | | VOCATIONAL DEVELOPMENT INVENTORY | |
| VT 012 466 | 41 | VT 012 724 | 64 |
| The 1969 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | | Vocational Maturity and Vocational Training. | |
| VT 012 474 ED 048 467 | 42 | VOCATIONAL EDUCATION | |
| An Experimental Evaluation of the Effectiveness of Selected Techniques and Resources on Instruction in Vocational Agriculture. | | VT 003 430 ED (SEE AUG '71 RIE) | 2 |
| VT 012 498 | 44 | Vocational Education--An Annotated Bibliography of Selected References, 1917-1966 (Below College). | |
| Knowledge and Skills Needed by Employees in Agricultural Supply Businesses: A Cooperative and Factor Analytic Study. | | VT 007 470 | 3 |
| | | The Development of a Total Program of Education for the World of Work. Part I: Rationale and Proposal for Involvement of Schools. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| VT 008 440 ED 033 194 | 4 | VT 012 350 | 32 |
| POLYTECHNICAL EDUCATION IN THE | | A Comparative Study of State | |
| U.S.S.R. MONOGRAPHS ON | | Vocational Cooperative and | |
| EDUCATION-III. | | Simulated Business and Office | |
| VT 009 757 | 5 | Programs. | |
| Graduate Follow Up; Statistical | | VT 012 376 | 33 |
| Data on Connecticut Students | | A Study of Vocational Education in | |
| Completing Vocational Programs in | | the Muscle Shoals Region. | |
| 1968. | | VT 012 388 | 34 |
| VT 009 940 ED 034 881 | 6 | First Annual Report of the Michigan | |
| The World of Working and Learning. | | Advisory Council for Vocational | |
| VT 010 584 | 7 | Education. | |
| Principles of Vocational Education. | | VT 012 389 | 35 |
| VT 011 686 ED 043 744 | 11 | Evaluation of the State Plan for | |
| Review and Synthesis of Research | | the Administration of Vocational | |
| and Developmental Activities | | Education Under the Vocational | |
| Concerning State Advisory Councils | | Education Amendments of 1968. | |
| on Vocational Education. | | VT 012 393 | 35 |
| VT 011 856 | 13 | First Report, Advisory Council to | |
| Annotated Bibliography of | | the Oklahoma State Board of | |
| Publications and Reports of | | Vocational and Technical Education. | |
| Research Dealing with the | | VT 012 394 | 35 |
| Interpretation of the "World of | | "Hire" Education by Decision--Not | |
| Work" to Elementary Children. | | Default. | |
| VT 011 902 | 13 | VT 012 396 | 35 |
| A Concerned Texas. A Report of the | | Financing Occupational Education in | |
| Governor's Conference on | | New York State. | |
| Technical-Vocational Education. | | VT 012 398 | 35 |
| VT 011 961 ED 043 781 | 14 | Evaluation Report of | |
| Patterns and Guidelines for | | Vocational-Technical Education in | |
| Administering Exemplary Programs | | Maryland | |
| and Projects at the State Level. | | VT 012 413 ED 048 460 | 36 |
| VT 012 087 | 20 | A Description of Special Vocational | |
| Guidelines for Personnel and | | Education Programs for | |
| Program Approval. | | Disadvantaged Persons in | |
| VT 012 114 | 20 | Pennsylvania. | |
| Report of Sixth Vocational Guidance | | VT 012 414 ED 048 461 | 36 |
| Systems Conference (Villa Park, | | Leadership and Change in | |
| Illinois, December 19-20, 1969). | | Vocational-Technical Education: | |
| VT 012 169 | 23 | Administrators' Workshop. | |
| Follow-Up Study of the Graduates of | | VT 012 416 | 37 |
| the Albuquerque | | The Role of the Counselor in | |
| Technical-Vocational Institute. | | Vocational Education. | |
| VT 012 213 ED 048 452 | 26 | VT 012 455 | 40 |
| Educational and Occupational | | Evaluation of Summer Vocational | |
| Aspirations and Expectations of | | Classes for High School Students at | |
| High School Youth. | | Utah Technical College at Provo and | |
| VT 012 224 | 27 | in Alpine, Nebo, and Provo School | |
| Report of the Minnesota State | | Districts 1964-1969. | |
| Advisory Council for Vocational | | VT 012 464 | 41 |
| Education--1970. | | 1970 Annual Evaluation Report to | |
| VT 012 270 | 28 | the State Board for Vocational | |
| Preparing the Handicapped for the | | Education. | |
| World of Work. | | VT 012 467 ED 049 359 | 41 |
| VT 012 311 | 30 | Postsecondary Occupational | |
| A Comparison of the Self Concept of | | Education Seminar, Federal Programs | |
| Vocational and Technical Students. | | for the 1970's (Arlington, | |
| VT 012 319 | 31 | Virginia, May 10-12, 1970). | |
| The Tennessee State Advisory | | VT 012 487 ED 049 360 | 43 |
| Council on Vocational Education; | | Practices and Outcomes of | |
| For Continued and Further | | Vocational-Technical Education in | |
| Improvement of Education in | | Technical and Community Colleges. | |
| Tennessee. | | VT 012 494 | 44 |
| VT 012 324 | 31 | Report of an Evaluation of the | |
| Annual Evaluation Report--FY 1970. | | Vocational-Technical Program in | |
| VT 012 334 | 31 | South Dakota. | |
| First Annual Report of the Arizona | | VT 012 495 | 44 |
| State Advisory Council for | | 1970 Evaluation Report on Wyoming | |
| Vocational Education. | | Occupational Education. | |

SUBJECT AND IDENTIFI INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| VT 012 505 | 45 | VT 012 720 | 64 |
| Implementing Evaluation Findings. | | Research Visibility: Research and | |
| VT 012 507 | 45 | Education. | |
| A Report of the National Center for | | VT 012 721 | 64 |
| World-of-Work Economic Education | | National Advisory Council on | |
| Programs. | | Vocational Education. Fourth | |
| VT 012 515 | 46 | Report. | |
| Process Evaluation of Vocational | | VT 012 728 | 65 |
| Education. Review and Synthesis of | | The Enrollment Rates, Dropout Rates | |
| Selected "Research in Education" | | and Economic Benefits That | |
| Documents January 1, 1968 to August | | Characterize the Experience of the | |
| 31, 1970. | | Disadvantaged in Oklahoma's | |
| VT 012 516 | 46 | Occupational Training. | |
| Exploring the World of Work, Grades | | VT 012 731 | 65 |
| 6-9. | | Resource Manual 71 for the | |
| VT 012 525 | 46 | Development of Cooperative | |
| Annual Evaluation Report. | | Vocational Education Programs Under | |
| VT 012 528 | 46 | the Vocational Education Amendments | |
| Occupational and Technical | | of 1968. | |
| Education Needs of Business and | | VT 012 737 | 66 |
| Industrial Firms of the Big Horn | | First Annual Report. | |
| Basin. | | VT 012 810 | 68 |
| VT 012 551 | 49 | A Compilation of Resource Lists for | |
| Vocational-Technical Education in | | Vocational Educators: An Annotated | |
| New Mexico. 1970 Annual Report. | | Bibliography of Bibliographies in | |
| VT 012 555 | 49 | Vocational Education, 1960-1969. | |
| Instructional Systems Study, | | VT 012 811 | 68 |
| Electronics Technology. | | Development and Evaluation of an | |
| VT 012 560 | 50 | Experimental Curriculum for the New | |
| Vocational Education Programs for | | Quincy (Mass.) Vocational-Technical | |
| Special Needs Students in Secondary | | School. Project ABLE, Final Report. | |
| Schools of Mississippi. | | VT 012 815 | 68 |
| VT 012 568 | 50 | State Vocational Education | |
| RESEARCH VISIBILITY: VOCATIONAL | | Statistics, Fiscal Year 1969. | |
| EDUCATION RESEARCH. | | Preliminary Report. | |
| VT 012 579 | 52 | VT 012 816 | 69 |
| MICHIGAN RESEARCH COORDINATING UNIT | | Mathematical Models in Education | |
| FOR VOCATIONAL EDUCATION. FINAL | | and Training. | |
| REPORT, JULY 1, 1967-AUGUST 31, | | VT 012 817 | 69 |
| 1969. | | Project SUCCESS: Student Upward | |
| VT 012 593 | 54 | Challenges in Comprehensive | |
| The Honolulu Conference on | | Exemplary Secondary Schools, School | |
| Community College Occupational | | Year 1969-70. Final Report. | |
| Education. | | VT 012 818 | 69 |
| VT 012 613 | 54 | Project "Follow-Up." Interim | |
| Four Corners Regional Project for | | Report. | |
| Vocational Education in Arizona. | | VT 012 859 | 73 |
| Final Report. | | A Study of the Need for Pedagogical | |
| VT 012 620 | 55 | Training as Perceived by the Staff | |
| Career Education Now. | | of the Alberta Institutes of | |
| VT 012 651 | 58 | Technology. | |
| A Guide for the Development and | | VT 012 862 | 74 |
| Installation of Occupational | | Guide For State | |
| Training Programs and Services for | | Vocational-Technical Education | |
| Disadvantaged and Handicapped | | Information Dissemination Systems. | |
| Persons. | | VT 012 868 | 75 |
| VT 012 659 | 59 | Potential Lifetime Earnings Based | |
| IMPROVEMENT AND DEVELOPMENT OF THE | | on Job Classifications and Formal | |
| ORGANIZATION AND ADMINISTRATION OF | | Education. Final Report. | |
| VOCATIONAL-TECHNICAL EDUCATION. | | VT 012 880 | 76 |
| FINAL REPORT. | | Cooperative Occupational Education | |
| VT 012 705 | 62 | Programs--A Conference Seminar To | |
| Testing of the Guidance Program. | | Extend The Range of Vocational | |
| Project ABLE: Development and | | Education. | |
| Evaluation of an Experimental | | VT 012 894 | 77 |
| Curriculum for the New Quincy | | Agricultural Education: Some | |
| (Mass.) Vocational-Technical | | Concerns and Comforts. | |
| School. | | VT 012 910 | 79 |
| | | Vocational-Technical Terminology. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| VT 012 941 ED 048 513 | 80 | VOCATIONAL EDUCATION AMENDMENTS OF 1968 | |
| Projected Activities for Fifth Funding Period and Annual Report. | | VT 011 686 ED 043 744 | 11 |
| VT 012 951 ED (SEE AUG '71 RIE) | 81 | Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education. | |
| Vocational Education: Innovations Revolutionize Career Training. | | VT 011 961 ED 043 781 | 14 |
| Education U.S.A. Special Report. | | Patterns and Guidelines for Administering Exemplary Programs and Projects at the State Level. | |
| VT 012 953 ED 048 515 | 81 | VT 012 731 ED 048 491 | 65 |
| The Continuation of the Center For Research, Development and Training In Occupational Education. | | Resource Manual 71 for the Development of Cooperative Vocational Education Programs Under the Vocational Education Amendments of 1968. | |
| Quarterly Report. | | VOCATIONAL EDUCATION TEACHERS | |
| VT 012 955 ED 049 383 | 81 | VT 012 174 | 24 |
| The Role of Texas' Secondary Schools in the Preparation of Youth for Employment. | | Reading Institute for Vocational Teachers (March 20, 1969 to June 30, 1970). Director's Report. | |
| VT 012 961 ED 048 516 | 82 | VT 012 203 | 25 |
| Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970. | | Vocational Instructors Workshops. Final Descriptive Report. | |
| VT 012 962 ED 049 385 | 82 | VT 012 204 | 25 |
| Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970. | | Vocational Instructors Workshop in Cosmetology. | |
| VT 012 963 ED 049 386 | 82 | VT 012 407 | 36 |
| A Five-State Try-Out and Demonstration Program to Determine the Generalizability of an Evaluation System for Local Programs of Vocational and Technical Education. | | A System for Determining Knowledge Requirements in Electronic Technology. | |
| VT 012 969 ED 049 389 | 84 | VT 012 558 ED 047 147 | 49 |
| Proceedings of the Training Institute for Rural Disadvantaged, August 17-21, 1970. | | VOCATIONAL EDUCATION INSTRUCTION SIMILARITIES IN CERTAIN CONTENT AREAS IN THE SECONDARY SCHOOLS. | |
| VT 012 975 ED 049 390 | 84 | VOCATIONAL FOLLOWUP | |
| Vocational Education and the Area Schools. A Report to the State of Iowa Office of Planning and Programming. | | VT 009 757 | 5 |
| VT 013 009 ED (SEE AUG '71 RIE) | 86 | Graduate Follow Up; Statistical Data on Connecticut Students Completing Vocational Programs in 1968. | |
| A Research and Development Project in Occupational Education: The Development of Process Models for Decision-Making in Curriculum Development and Evaluation. | | VT 012 129 | 22 |
| VT 013 011 ED (SEE AUG '71 RIE) | 87 | A Follow-up Study of Graduates from a Vocational Rehabilitation Program in a Residential Training Center for the Mentally Retarded. | |
| Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters. | | VT 012 169 | 23 |
| VT 013 051 ED (SEE AUG '71 RIE) | 88 | Follow-Up Study of the Graduates of the Albuquerque Technical-Vocational Institute. | |
| Vocational Education: Today and Tomorrow. | | VT 012 466 | 41 |
| VOCATIONAL EDUCATION ACT OF 1968 | | The 1969 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | |
| VT 010 584 | 7 | VT 012 540 | 47 |
| Principles of Vocational Education. | | The 1970 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | |
| | | VT 012 679 ED 049 362 | 61 |
| | | From Student to Practitioner: Professionalization and De-Professionalization in Rehabilitation Counseling. Working Paper No. 7. Career Contingencies of the Rehabilitation Counselor. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | | PAGE |
|-------------------------------------|------|-------------------------------------|------|
| VT 012 693 | 62 | WELFARE RECIPIENTS | |
| Work Oriented Curriculum Project. | | VT 012 130 | 22 |
| VT 012 833 ED 049 372 | 71 | A Survey of Physically and Mentally | |
| Employment Contexts and | | Handicapped Welfare Recipients Who | |
| Disadvantaged Workers. Phase 1, | | Have Vocational Rehabilitation | |
| Final Report. | | Potential. | |
| VT 012 865 ED 048 504 | 74 | VT 012 833 ED 049 372 | 71 |
| Follow-Up of Selected MDTA | | Employment Contexts and | |
| Programs. | | Disadvantaged Workers. Phase 1, | |
| | | Final Report. | |
| VOCATIONAL INTERESTS | | | |
| VT 012 724 | 64 | WHITE COLLAR OCCUPATIONS | |
| Vocational Maturity and Vocational | | VT 012 249 ED 048 454 | 27 |
| Training. | | New Workers in the Banking | |
| | | Industry: A Minority Report. | |
| VOCATIONAL REHABILITATION | | | |
| VT 012 121 | 21 | WORK ATTITUDES | |
| Coordinated Program of Vocational | | VT 011 594 ED 048 436 | 11 |
| Rehabilitation and Special | | Work Organizations, Behavior and | |
| Education Services for the Mentally | | Attitudes. | |
| Retarded (Ohio County). | | VT 012 976 ED (SEE AUG '71 RIE) | 84 |
| VT 012 129 | 22 | Bridging the Gap, An Independent | |
| A Follow-up Study of Graduates from | | Case Study. | |
| a Vocational Rehabilitation Program | | | |
| in a Residential Training Center | | WORK EXPERIENCE | |
| for the Mentally Retarded. | | VT 006 122 ED (SEE AUG '71 RIE) | 2 |
| VT 012 130 | 22 | A Comparison of Two Methods of | |
| A Survey of Physically and Mentally | | Preparing Youth for Employment: | |
| Handicapped Welfare Recipients Who | | Cooperative Occupational Education | |
| Have Vocational Rehabilitation | | Versus the Preparatory | |
| Potential. | | Vocational-Technical School. | |
| VT 012 131 | 22 | | |
| A Two Year Follow-Up of a | | WORK EXPERIENCE PROGRAMS | |
| Cooperative Vocational | | VT 012 205 | 25 |
| Rehabilitation Program at | | Business Office Culture Project. | |
| Metropolitan State Hospital. | | VT 012 468 | 41 |
| VT 012 664 ED 048 483 | 59 | Door to Opportunity. Title V, | |
| Rehabilitation Work with the Blind; | | Economic Opportunity Act. | |
| Role of the Helping Professional in | | VT 012 693 | 62 |
| Creating a Family Team. | | Work Oriented Curriculum Project. | |
| VT 012 694 ED 048 485 | 62 | | |
| Rehabilitation Research and | | WORK INCENTIVE PROGRAM | |
| Demonstration Projects, 1955-1970. | | VT 012 833 ED 049 372 | 71 |
| VT 012 889 | 77 | Employment Contexts and | |
| Minutes, Annual Meeting, 1970. | | Disadvantaged Workers. Phase 1, | |
| VT 013 018 | 87 | Final Report. | |
| The HELP Campaign--An Evaluation. | | | |
| | | WORK LIFE EXPECTANCY | |
| VOCATIONAL SCHOOLS | | VT 012 868 | 75 |
| VT 013 054 ED 049 395 | 88 | Potential Lifetime Earnings Based | |
| Development of a Plan to Improve | | on Job Classifications and Formal | |
| the Personalized Instruction | | Education. Final Report. | |
| Program at Vocational Village. | | | |
| Final Report. | | WORK STUDY PROGRAMS | |
| | | VT 012 235 ED 048 453 | 27 |
| VOLUNTARY AGENCIES | | Toward a Career Ladder in Nursing: | |
| VT 012 653 | 58 | Upgrading Nurse's Aides to LPNs | |
| Summary 1969-1970. | | Through a Work-Study Program. | |
| | | VT 012 262 | 28 |
| WATER RESOURCES | | The Effect of Industrial Education | |
| VT 012 590 ED 048 476 | 54 | on Educable Mental Retardates | |
| Water-Resources Manpower: Supply | | Entering the Labor Force. | |
| and Demand Patterns to 1980. | | | |
| | | WORKING WOMEN | |
| | | VT 011 993 ED 048 438 | 15 |
| | | Background Facts on Women Workers | |
| | | in the United States. | |
| | | VT 012 576 ED (SEE AUG '71 RIE) | 52 |
| | | Fact Sheet on the Earnings Gap. | |

SUBJECT AND IDENTIFIER INDEX

| | PAGE | PAGE |
|---|------|------|
| VT 012 870 ED 049 378 | 75 | |
| A Study of the Causes of Physical and Emotional Problems Encountered by Older Women Returning to Secretarial Employment After A Prolonged Absence. | | |
| WORKSHOPS | | |
| VT 012 203 | 25 | |
| Vocational Instructors Workshops. Final Descriptive Report. | | |
| VT 012 204 | 25 | |
| Vocational Instructors Workshop in Cosmetology. | | |
| VT 012 996 ED 049 393 | 86 | |
| Workshop on Utilization and Training of Auxiliary Personnel in Home Economics. | | |
| VT 013 020 ED (SEE AUG '71 RIE) | 88 | |
| Keeping on Course. Report of the 1970 Regional Workshops of the Council of Diploma Programs. | | |
| WORLD OF WORK | | |
| VT 007 470 | 3 | |
| The Development of a Total Program of Education for the World of Work. Part I: Rationale and Proposal for Involvement of Schools. | | |
| WRITING SKILLS | | |
| VT 012 004 | 15 | |
| A History of Business Letter-Writing Theory as Revealed in an Interpretative Analysis of American Collegiate Business Communication Textbooks, 1915-1967. | | |
| YOUTH | | |
| VT 012 845 ED 049 374 | 71 | |
| Toward A New Activism: Youth's Role in a Changing Society. | | |
| YOUTH EMPLOYMENT | | |
| VT 012 856 ED 049 376 | 73 | |
| Years for Decision: A Longitudinal Study of the Educational and Labor Market Experience of Young Women. | | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| ABILENE CHRISTIAN COLL., TEX. VT 012 262 The Effect of Industrial Education on Educable Mental Retardates Entering the Labor Force. | 28 | AMERICAN INST. FOR RESEARCH IN THE BEHAVIORAL SCIENCES, PALO ALTO, CALIF. VT 011 941 ED 043 778 Stimulating Educational Information-Seeking and Changes in Student Attitude Toward Vocational Education by Videotape and Film Presentations. | 14 |
| ABINGTON HIGH SCHOOL, PA. BUSINESS EDUCATION DEPT. VT 005 614 Correspondence Unit as Used in Typing Audio Lab. | 2 | AMERICAN INSTITUTES FOR RESEARCH, PITTSBURGH, PA. VT 012 705 ED 048 487 Testing of the Guidance Program. Project ABLE; Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. | 62 |
| AIR FORCE PERSONNEL RESEARCH DIV., LACKLAND AFB, TEX. VT 012 178 ED (SEE AUG '71 RIE) Career Indications Among Junior Officers. | 24 | VT 012 811 ED 048 492 Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational- Technical School. Project ABLE, Final Report. | 68 |
| ALABAMA UNIV., BIRMINGHAM, MEDICAL CENTER. VT 011 301 ED 041 128 NATIONAL CONFERENCE ON THE USE OF AUDIOVISUALS IN MEDICAL EDUCATION, PROCEEDINGS (UNIVERSITY OF ALABAMA MEDICAL CENTER, BIRMINGHAM, AUGUST 6-8, 1969). | 9 | AMERICAN MEDICAL ASSOCIATION, CHICAGO, ILL. COUNCIL ON MEDICAL EDUCATION. VT 012 984 ED (SEE AUG '71 RIE) Directory of Approved Allied Medical Educational Programs, 1971. | 85 |
| ALBUQUERQUE TECHNICAL-VOCATIONAL INST., N. MEX. VT 012 169 Follow-Up Study of the Graduates of the Albuquerque Technical- Vocational Institute. | 23 | AMERICAN REHABILITATION FOUNDATION, INC., MINNEAPOLIS, MINN. VT 012 045 ED 048 442 Pilot Study of the Practice of Physical Medicine and Rehabilitation. | 17 |
| AMERICAN COLL. TESTING PROGRAM, IOWA CITY, IOWA. RESEARCH AND DEVELOPMENT DIV. VT 012 487 ED 049 360 Practices and Outcomes of Vocational-Technical Education in Technical and Community Colleges. | 43 | AMERICAN SOCIETY FOR AGRICULTURAL ENGINEERS, ST. JOSEPH, MICH. VT 012 570 Education for Safer Agriculture. | 51 |
| AMERICAN COUNCIL ON INDUSTRIAL ARTS TEACHER EDUCATION, WASHINGTON, D.C. VT 012 983 ED 049 391 Summaries of Studies in Industrial Arts, Trade and Industrial, and Technical Education for 1930- Supplement. | 85 | AMERICAN SPEECH AND HEARING ASSOCIATION, WASHINGTON, D.C. VT 012 210 ED 048 451 Manpower Needs and Manpower Utilization in Speech Pathology and Audiology. | 26 |
| AMERICAN HOME ECONOMICS ASSOCIATION, WASHINGTON, D.C. VT 012 996 ED 049 393 Workshop on Utilization and Training of Auxiliary Personnel in Home Economics. | 86 | AMERICAN TELEPHONE AND TELEGRAPH CO., NEW YORK, N.Y. VT 012 976 ED (SEE AUG '71 RIE) Bridging the Gap, An Independent Case Study. | 84 |
| | | AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C. VT 010 584 Principles of Vocational Education. | 7 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| VT 012 467 ED 049 359 Postsecondary Occupational Education Seminar, Federal Programs for the 1970's (Arlington, Virginia, May 10-12, 1970). | 41 | ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX. VT 012 613 Four Corners Regional Project for Vocational Education in Arizona. Final Report. | 54 |
| VT 012 538 ED 047 143 A NEW ROLE FOR INDUSTRIAL ARTS IN THE SENIOR HIGH SCHOOL. | 47 | ARIZONA STATE EMPLOYMENT SECURITY COMMISSION, PHOENIX. VT 012 481 Arizona Basic Economic and Manpower Data. | 43 |
| VT 012 568 ED 047 150 RESEARCH VISIBILITY: VOCATIONAL EDUCATION RESEARCH. | 50 | ARKANSAS STATE ADVISORY COUNCIL FOR VOCATIONAL-TECHNICAL EDUCATION, LITTLE ROCK. VT 012 389 Evaluation of the State Plan for the Administration of Vocational Education Under the Vocational Education Amendments of 1968. | 35 |
| VT 012 720 ED 048 488 Research Visibility: Research and Evaluation. | 64 | ARNOLD, BARBARA L. VT 012 346 The Development of a Procedure for Continuous Evaluation of the Green River High School Business Education Program. | 31 |
| VT 012 724 Vocational Maturity and Vocational Training. | 64 | ATHELSTAN, GARY T., AND OTHERS VT 012 045 ED 048 442 Pilot Study of the Practice of Physical Medicine and Rehabilitation. | 17 |
| AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C. ASSOCIATION OF TEACHER EDUCATORS IN AGRICULTURE. VT 012 894 Agricultural Education: Some Concerns and Comforts. | 77 | ATOMIC ENERGY COMMISSION, OAK RIDGE, TENN. VT 012 369 Training and Technology; The Effects of a Manpower Training Program on the Personal Lives of Its Graduates. | 33 |
| AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C. COMMITTEE ON PUBLICATIONS. VT 012 910 ED 048 512 Vocational-Technical Terminology. | 79 | AUER, HERBERT JOHN VT 012 853 ED 048 500 A Comparison of Student-Designed- Circuit and Predesigned-Circuit Analysis Methods for College Students' Electricity Laboratory Experience. | 72 |
| ANDERSON, DEL VT 012 651 ED 048 481 A Guide for the Development and Installation of Occupational Training Programs and Services for Disadvantaged and Handicapped Persons. | 58 | AUSTRALIAN DEPT. OF LABOUR AND NATIONAL SERVICE, MELBOURNE. VT 012 099 Technicians in Non-Electrical Plant and Machinery Manufacture. | 20 |
| ANDREYKA, ROBERT E. VT 012 874 ED 048 506 A Survey and Analysis of the Educational Tasks of Ohio's Post High School Technical Instructors: Implications for Teacher Education. | 75 | AZUMA, HENRY T. VT 012 471 Occupational and Educational Projections of Deep-South Delinquent and Non-Delinquent Black Males. | 42 |
| ANTHONY, WILLIAM PHILIP VT 013 045 ED 049 394 A Study of the Effectiveness of Public Postsecondary Vocational- Technical Education in Preparing Graduates for the Labor Force. | 88 | BAILEY, ANN VT 012 035 Apprenticeship Survey. | 17 |
| ARIZONA STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION, PHOENIX. OFFICE OF MANPOWER PLANNING. VT 012 334 First Annual Report of the Arizona State Advisory Council for Vocational Education. | 31 | | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| BAILEY, LENA C. VT 012 658 ED 048 482 Review and Synthesis of Research and Consumer and Homemaking Education. | 58 | BEDROSIAN, HRACH VT 011 471 ED (SEE AUG '71 RIE) Industry Hiring Requirements and the Employment of Disadvantaged Groups. | 9 |
| BALL STATE UNIV., MUNCIE, IND. DEPT. OF BUSINESS EDUCATION AND OFFICE ADMINISTRATION. VT 009 597 Communication: Effective Application of Innovative Teaching Media. | 4 | BENDER, RALPH E. VT 012 466 The 1969 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | 41 |
| BARLOW, MELVIN L. VT 010 584 Principles of Vocational Education. | 7 | VT 012 540 The 1970 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | 47 |
| BARNETT, KATHRYN E. VT 012 057 ED 044 521 THE DEVELOPMENT OF A THEORETICAL CONSTRUCT OF THE CONCEPTS OF TOUCH AS THEY RELATE TO NURSING. FINAL REPORT. | 19 | BERMAN, ABRAHAM J., AND OTHERS VT 008 016 Manpower Directions in New York State, 1965-1975. Volume I. | 3 |
| BARRADOS, MARIA VT 011 592 ED 048 434 Autonomy in Work. | 10 | VT 008 017 Manpower Directions in New York State, 1965-1975. Job Requirements and Labor Force. Volume II. | 3 |
| BATTELLE MEMORIAL INST., COLUMBUS, OHIO. VT 012 669 ED (SEE AUG '71 RIE) Section Report on Dental Assistant. An Exploratory Study to Analyze New Skill Content in Selected Occupations in Michigan and the Mechanism for its Translation into Vocational Education Curricula. | 60 | BERRYMAN, DORIS L. VT 012 964 ED 049 387 Development of Educational Programs for New Careers in Recreation Services for the Disabled. | 83 |
| VT 012 671 ED (SEE AUG '71 RIE) Section Report on Licensed Practical Nurse. An Exploratory Study to Analyze New Skill Content in Selected Occupations in Michigan and the Mechanism for its Translation into Vocational Education Curricula. | 60 | BESTOR, ROLLIE RAY VT 012 454 ED 048 464 A Determination of Selected Criteria to be Utilized in Locating and Establishing Area Vocational Education Schools in Utah. | 40 |
| BATTELLE MEMORIAL INST., COLUMBUS, OHIO. MANPOWER AND REGIONAL ECONOMICS DIV. VT 012 861 The Michigan Manpower Study, Summary Report. | 73 | BIEKERT, RUSSELL VT 012 852 ED 048 499 An Experimental Comparison of Two Methods of Teaching Numerical Control Manual Programming Concepts: Visual Media Versus Hands-On Equipment. | 72 |
| BEAR, W. FORREST VT 012 572 Evaluation Sheets in Agricultural Mechanization Programs. | 51 | BLANKENBAKER, E.K. VT 011 856 Annotated Bibliography of Publications and Reports of Research Dealing with the Interpretation of the "World of Work" to Elementary Children. | 13 |
| BECKER, JOHN A. VT 012 677 ED (SEE AUG '71 RIE) Measurement of the Agricultural Resources Role in Southern Illinois Agricultural Education. | 61 | BOLZ, ROGER W., ED. VT 012 443 ED 047 116 AUTOMATION AND SOCIETY. THE GEORGIA-RELIANCE SYMPOSIUM. | 38 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|----------------------------|--|----------|
| BORGEN, JOSEPH A. VT 013 009 ED (SEE AUG '71 RIE) A Research and Development Project in Occupational Education: The Development of Process Models for Decision-Making in Curriculum Development and Evaluation. | 86 | BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C. NEW ENGLAND REGIONAL OFFICE. VT 012 536 New England Labor and the Economy at Year-End 1970. | 47 |
| BOSE, ARNOLA C. VT 012 462 ED 047 121 AN EXPERIMENT TO DETERMINE THE EFFECTS OF IMMEDIATE VERSUS DELAYED KNOWLEDGE OF RESULTS ON INITIAL LEARNING AND RETENTION OF SELECTED RELATED LEARNING IN TRANSCRIPTION CLASSES. | 40 | BUREAU OF SOCIAL SCIENCE RESEARCH, INC., WASHINGTON, D.C. VT 012 833 ED 049 372 Employment Contexts and Disadvantaged Workers. Phase 1, Final Report. | 71 |
| BRANDON, GEORGE L., ED. VT 012 568 ED 047 150 RESEARCH VISIBILITY: VOCATIONAL EDUCATION RESEARCH. VT 012 720 ED 048 488 Research Visibility: Research and Evaluation. | 50 64 | BUSH, DONALD O., AND OTHERS VT 009 940 ED 034 881 The World of Working and Learning. | 6 |
| BRIGGS, VERNON M., JR. VT 012 704 ED 048 486 Negro Employment in the South. Volume I: The Houston Labor Market. | 62 | BUZZELL, CHARLES H. VT 012 819 ED 049 369 Incidence of Geographic and Occupational Mobility Among Certified Electronic Technicians in the Middle Atlantic States. | 69 |
| BROWER, EDWARD B. VT 012 415 A Study of the Office Employment Expectations of White and Nonwhite Business Education Students.. | 37 | BYRAM, HAROLD M. VT 012 963 ED 049 386 A Five-State Try-Out and Demonstration Program to Determine the Generalizability of an Evaluation System for Local Programs of Vocational and Technical Education. | 82 |
| BRUCK, ARLENE VT 011 591 ED 048 433 Organizational Role Behaviour. | 10 | CAIN, GLEN G. VT 012 299 ED 048 456 Urban Poverty and Labor Force Participation (and Comment). | 30 |
| BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. VT 012 815 ED 048 494 State Vocational Education Statistics, Fiscal Year 1969. Preliminary Report. | 68 | CALIFORNIA STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION AND TECHNICAL TRAINING, SACRAMENTO. VT 012 913 Feasibility Study of Career Ladder Curriculum and Guidance and Counseling. | 79 |
| BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C. VT 012 259 Outlook for Computer Process Control: Manpower Implications in Process Industries. VT 012 508 Occupational Employment Statistics, 1960-67. VT 012 586 ED 048 475 Seasonality and Manpower in Construction. VT 012 617 ED 048 479 Patterns of U.S. Economic Growth, 1980 Projections. VT 012 925 ED 049 380 Major Programs 1970 Bureau of Labor Statistics. | 28 45 53 55 79 | CALIFORNIA STATE HUMAN RELATIONS AGENCY, SACRAMENTO. DEPT. OF REHABILITATION. VT 012 129 A Follow-up Study of Graduates from a Vocational Rehabilitation Program in a Residential Training Center for the Mentally Retarded. VT 012 130 A Survey of Physically and Mentally Handicapped Welfare Recipients Who Have Vocational Rehabilitation Potential. VT 012 131 A Two Year Follow-Up of a Cooperative Vocational Rehabilitation Program at Metropolitan State Hospital. | 22 22 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| CALIFORNIA UNIV., DAVIS. DEPT. OF APPLIED BEHAVIORAL SCIENCES. VT 012 385 ED 047 110 SUMMARIES OF STUDIES IN AGRICULTURAL EDUCATION, PACIFIC REGION, 1969-70. AN ANNOTATED BIBLIOGRAPHY. | 34 | CHAU, LAURENCE C. VT 012 469 ED 048 466 An Econometric Model for Forecasting Income and Employment in Hawaii. | 42 |
| CALIFORNIA UNIV., RICHMOND. RESEARCH PROJECTS OFFICE. VT 012 715 Training and Education of New Careerists in Public Welfare. | 63 | CHISMORE, W. DALE, COMP. VT 012 891 Standard Terminology For Curriculum and Instruction In Local and State School Systems. | 77 |
| CAMPBELL, H. F. VT 012 352 ED 045 848 COST-BENEFIT ANALYSIS AND THE ECONOMICS OF INVESTMENT IN HUMAN RESOURCES. AN ANNOTATED BIBLIOGRAPHY. | 32 | CITY UNIV. OF NEW YORK, N.Y. COOPERATIVE VOCATIONAL EDUCATION INST. VT 012 880 ED 048 508 Cooperative Occupational Education Programs--A Conference Seminar To Extend The Range of Vocational Education. | 76 |
| CAPE, WILLIAM H., ED. VT 012 858 ED 048 502 Hiring the Disadvantaged. | 73 | CITY UNIV. OF NEW YORK, N.Y. DIV. OF TEACHER EDUCATION. VT 012 643 ED 047 160 DIFFICULTY INDICES AND PERFORMANCE NORMS FOR OFFICE-TYPING TASKS. FINAL REPORT. | 57 |
| CARLSON, KEITH R. VT 012 574 Techniques for Evaluation of Skill Development in Agricultural Education. | 52 | CLARK, BERNARD J. VT 012 360 ED (SEE AUG '71 RIE) Police-Community Relations. | 32 |
| CARMODY, JAMES F. VT 012 487 ED 049 360 Practices and Outcomes of Vocational-Technical Education in Technical and Community Colleges. | 43 | CLARY, JOSEPH RAY VT 011 686 ED 043 744 Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education. | 11 |
| CARPENTER, M.B. VT 012 650 Maintaining Efficient Training Programs for Air Force Technical Specialties. | 58 | CLEMSON UNIV., S.C. VOCATIONAL EDUCATION MEDIA CENTER. VT 012 628 Self Evaluation. | 56 |
| CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO. DEPT. OF SOCIOLOGY AND ANTHROPOLOGY. VT 012 676 Rehabilitation Counseling Leadership: Present and Potential. Working Paper No. 5. Career Contingencies of the Rehabilitation Counselor. | 61 | COLORADO STATE UNIV., FT. COLLINS. VT 009 939 ED 034 880 Occupational Education Program; Image of the World of Work, Volume I. | 5 |
| CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO. DEPT. OF SOCIOLOGY. VT 012 679 ED 049 362 From Student to Practitioner: Professionalization and De-Professionalization in Rehabilitation Counseling. Working Paper No. 7. Career Contingencies of the Rehabilitation Counselor. | 61 | VT 009 985 ED 034 884 Occupational Education Programs; Image of the World of Work, Volume III. | 6 |
| | | VT 009 986 ED 034 885 Occupational Education Programs; Image of the World of Work, Volume II. | 6 |
| | | COMMUNITY SERVICES ADMINISTRATION (DHEW), WASHINGTON, D.C. VT 012 468 Door to Opportunity. Title V, Economic Opportunity Act. | 41 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| CONGRESS OF THE U.S., WASHINGTON, D.C. HOUSE COMMITTEE ON EDUCATION AND LABOR. VT 011 746 ED (SEE AUG '71 RIE) Manpower Report of the President. Message from the President of the United States Transmitting an Annual Report on the Progress of Manpower Programs. | 12 | CORWIN, R. DAVID VT 012 249 ED 048 454 New Workers in the Banking Industry: A Minority Report. | 27 |
| CONGRESS OF THE U.S., WASHINGTON, D.C. HOUSE COMMITTEE ON VETERANS' AFFAIRS. VT 012 985 ED (SEE AUG '71 RIE) Training of Health Service Personnel in the Veterans' Administration. | 85 | COSTER, JOHN K. VT 011 961 ED 043 781 Patterns and Guidelines for Administering Exemplary Programs and Projects at the State Level. | 14 |
| CONKLIN, NORMA K. VT 012 174 Reading Institute for Vocational Teachers (March 20, 1969 to June 30, 1970). Director's Report. | 24 | COUNCIL OF PLANNING LIBRARIANS, MONTICELLO, ILL. VT 012 872 Health Planning: A Bibliography of Basic Readings. | 75 |
| CONNECTICUT STATE DEPT. OF EDUCATION, HARTFORD. DIV. OF VOCATIONAL EDUCATION. VT 009 757 Graduate Follow Up: Statistical Data on Connecticut Students Completing Vocational Programs in 1968. | 5 | CREAMER, DANIEL VT 012 775 ED 049 364 The Technical Manpower Shortage: How Acute? A Chart Essay. | 67 |
| CONNECTICUT UNIV., STORRS. LABOR EDUCATION CENTER. VT 012 559 ED 048 473 Blacks in the Construction Trades and Effect on Connecticut Economy. | 50 | CROCKER, ROBERT K. VT 012 407 A System for Determining Knowledge Requirements in Electronic Technology. | 36 |
| COOPER AND CO., STAMFORD, CONN. VT 012 054 ED 048 444 The Cost and Output of Graduate Social Work Education: An Exploratory Study. | 18 | CUDABACK, DOROTHEA VT 012 715 Training and Education of New Careerists in Public Welfare. | 63 |
| COPA, GEORGE, ED. VT 012 439 ED (SEE AUG '71 RIE) Research in Agricultural Education Program Beyond High School. | 38 | CURTIN, ELIZABETH M. VT 012 763 ED 049 363 Tufts University Summer Guidance Institute on the Utilization of Occupational Education and Placement (Medford, Mass., Jul 20- 31, 1970). Final Report. | 66 |
| CORNELL UNIV., ITHACA. SCHOOL OF HOTEL ADMINISTRATION. VT 012 463 ED 048 465 A Study of Career Ladders and Manpower Development for Non- Management Personnel in the Food Service Industry. | 40 | DARCY, ROBERT L. VT 012 616 ED 048 478 Economics of Human Resources: A Bibliography. | 55 |
| CORTES, JOSEFINA R. VT 011 961 ED 043 783 Factors Associated with the Migration of High-Level Persons from the Philippines to the U.S.A.. | 14 | DAVIS, DWIGHT E. VT 013 009 ED (SEE AUG '71 RIE) A Research and Development Project in Occupational Education: The Development of Process Models for Decision-Making in Curriculum Development and Evaluation. | 86 |
| | | DECATUR PUBLIC SCHOOL DISTRICT 61, ILL. DEPT. OF VOCATIONAL EDUCATION. VT 012 087 Guidelines for Personnel and Program Approval. | 20 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| DELAWARE OCCUPATIONAL RESEARCH AND COORDINATING UNIT, DOVER. VT 007 470 | 3 | DUIS, HAROLD F. VT 012 815 ED 048 494 | 68 |
| The Development of a Total Program of Education for the World of Work. Part I: Rationale and Proposal for Involvement of Schools. | | State Vocational Education Statistics, Fiscal Year 1969. Preliminary Report. | |
| DEPARTMENT OF DEFENSE, WASHINGTON, D.C. ASSISTANT SECRETARY OF DEFENSE (MANPOWER AND RESERVE AFFAIRS). VT 012 476 | 43 | DUMAS, NEIL S. VT 012 694 ED 048 485 | 62 |
| Transitional Manpower Programs. A Status Report. | | Rehabilitation Research and Demonstration Projects, 1955-1970. | |
| DEPARTMENT OF EMPLOYMENT AND PRODUCTIVITY, LONDON (ENGLAND). VT 012 942 ED 049 381 | 80 | DUNAYE, THOMAS M. VT 012 872 | 75 |
| Cost-Benefit Aspects Of Manpower Retraining. | | Health Planning: A Bibliography of Basic Readings. | |
| DEPARTMENT OF LABOR, WASHINGTON, D.C. VT 012 968 | 83 | DUPONT, JULIE A. VT 012 825 ED 049 371 | 71 |
| Manpower Report of the President, Including a Report on Manpower Requirements, Resources, Utilization and Training. | | Women--Their Social and Economic Status. Selected References. | |
| DEPARTMENT OF LABOR, WASHINGTON, D.C. LIBRARY. VT 012 825 ED 049 371 | 71 | EARLE, TIMOTHY C. VT 012 051 ED (SEE AUG '71 RIE) | 18 |
| Women--Their Social and Economic Status. Selected References. | | Task Learning, Interpersonal Learning and Cognitive Complexity. | |
| DEVORE, PAUL W., ED. VT 012 665 ED 048 484 | 59 | EAST CAROLINA UNIV., GREENVILLE, N.C. VT 012 270 | 28 |
| Education in a Technological Society. | | Preparing the Handicapped for the World of Work. | |
| DIAMOND, DANIEL E. VT 011 471 ED (SEE AUG '71 RIE) | 9 | ECONOMIC RESEARCH SERVICE (DOA), WASHINGTON, D.C. VT 012 184 ED 048 450 | 24 |
| Industry Hiring Requirements and the Employment of Disadvantaged Groups. | | Underemployment Estimates by County, United States, 1960. | |
| DILLON, ROY DEAN VT 012 445 ED 047 117 | 39 | ECONOMIC RESEARCH SERVICE (DOA), WASHINGTON, D.C. FARM PRODUCTION ECONOMICS RESEARCH DIV. VT 012 056 ED (SEE AUG '71 RIE) | 19 |
| COMPARISON OF CERTAIN ABILITIES NEEDED BY WORKERS IN LICENSED NURSERIES AND LICENSED ORNAMENTAL HORTICULTURE BUSINESSES. | | Our 31,000 Largest Farms. | |
| DOERINGER, PETER B. VT 012 300 | 30 | EDUCATION SERVICE CENTER REGION 14, ABILENE, TEX. VT 012 262 | 28 |
| Internal Labor Markets and Manpower Analysis. | | The Effect of Industrial Education on Educable Mental Retardates Entering the Labor Force. | |
| DRENNAN, JERRY VT 012 262 | 28 | EDUCATIONAL TESTING SERVICE, PRINCETON, N.J. VT 012 550 | 48 |
| The Effect of Industrial Education on Educable Mental Retardates Entering the Labor Force. | | Prediction of Job Performance for Negro and White Medical Technicians. | |
| | | ENGINEERS' COUNCIL FOR PROFESSIONAL DEVELOPMENT, INC., NEW YORK, N.Y. ENGINEERING TECHNOLOGY COMMITTEE. VT 010 482 | 7 |
| | | Questionnaire for Review of Curricula in Engineering Technology. | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| VT 010 483 Manual of Evaluation Procedures and Instructions. | 7 | GANSCHOW, LAURIE H., AND OTHERS VT 011 941 ED 043 778 Stimulating Educational Information-Seeking and Changes in Student Attitude Toward Vocational Education by Videotape and Film Presentations. | 14 |
| EVERARD, KENNETH E. VT 012 337 Testing and Grading Practices and Opinions of Secondary Teachers in Business and Distributive Education. | 31 | GARTLAND, THOMAS G. VT 012 487 ED 049 360 Practices and Outcomes of Vocational-Technical Education in Technical and Community Colleges. | 43 |
| FAIRCHILD, CHARLES K. VT 012 029 ED 048 441 Worker Relocation: A Review of U.S. Department of Labor Mobility Demonstration Projects. | 17 | GEORGE WASHINGTON UNIV., ALEXANDRIA, VA. HUMAN RESOURCES RESEARCH OFFICE. VT 010 912 The Development and Evaluation of an Improved Electronics Troubleshooting Manual. | 8 |
| FERRIS STATE COLL., BIG RAPIDS, MICH. VT 012 174 Reading Institute for Vocational Teachers (March 20, 1969 to June 30, 1970). Director's Report. | 24 | GEORGIA UNIV., ATHENS. VT 012 443 ED 047 116 AUTOMATION AND SOCIETY. THE GEORGIA-RELIANCE SYMPOSIUM. | 38 |
| FLORIDA STATE UNIV., TALLAHASSEE. DEPT. OF VOCATIONAL EDUCATION. VT 012 203 Vocational Instructors Workshops. Final Descriptive Report. | 25 | GIBSON, DENNIS L., AND OTHERS VT 012 823 ED 048 497 Manual for the Minnesota Satisfactoriness Scales. | 70 |
| VT 012 204 Vocational Instructors Workshop in Cosmetology. | 25 | GILLIE, ANGELO C., AND OTHERS VT 012 514 Geographic-Job Mobility of the Pennsylvania State University Two- Year Technician Graduates. | 45 |
| FLORIDA UNIV., GAINESVILLE. VT 012 694 ED 048 485 Rehabilitation Research and Demonstration Projects, 1955-1970. | 62 | GILLIE, ANGELO C., ED. VT 012 593 The Honolulu Conference on Community College Occupational Education. | 54 |
| FRICKE, JAMES E. VT 012 210 ED 048 451 Manpower Needs and Manpower Utilization in Speech Pathology and Audiology. | 26 | GLASSBORO STATE COLL., N.Y. DEPT. OF EDUCATION. VT 012 416 The Role of the Counselor in Vocational Education. | 37 |
| GADDA, H.W. VT 012 033 A Study of High School Seniors from Two South Dakota Area Vocational-Technical School Areas Who Are Interested in Non-Farm Agricultural Occupations. | 17 | GOVERNOR'S COMMISSION FOR YOUTH INVOLVEMENT, OLYMPIA, WASH. VT 012 845 ED 049 374 Toward a New Activism: Youth's Role in a Changing Society. | 71 |
| GADDIS, G. WARREN VT 012 818 ED 048 496 Project "Follow-Up." Interim Report. | 59 | GRAPHIC ARTS TECHNICAL FOUNDATION, INC., PITTSBURGH, PA. VT 012 755 Emerging Patterns. Academic and Industrial Approaches to Education, Training and Manpower Development in Graphic Communications. | 66 |
| GALCHUS, KENNETH EDWARD VT 012 127 ED 048 447 The Elasticity of Substitution of White for Nonwhite Labor. | 21 | VT 012 767 The Seventies--Education and Change. | 67 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| GREATER WASHINGTON CENTRAL LABOR COUNCIL (AFL-CIO), WASHINGTON, D.C. VT 012 011 ED (SEE AUG '71 RIE) Project BUILD, A Manpower Demonstration Program: February, 1968-March, 1969. | 16 | HAWAII STATE COMMISSION ON MANPOWER AND FREE EMPLOYMENT, HONOLULU. VT 012 887 ED (SEE AUG '71 RIE) Annual Report of the Commission on Manpower and Full Employment. | 76 |
| GREEN RIVER HIGH SCHOOL, WYO. VT 012 346 The Development of a Procedure for Continuous Evaluation of the Green River High School Business Education Program. | 31 | HAWAII UNIV., HONOLULU. COMMUNITY COLL. SYSTEM. VT 012 593 The Honolulu Conference on Community College Occupational Education. | 54 |
| GREEN, MURIEL, ED., AND OTHERS VT 012 735 Aerospace Education Resource Conference. | 66 | HAWAII UNIV., HONOLULU. ECONOMIC RESEARCH CENTER. VT 012 469 ED 048 466 An Econometric Model for Forecasting Income and Employment in Hawaii. | 42 |
| GREENWOOD PUBLIC SCHOOLS, MISS. VT 012 618 ED 049 361 A Comprehensive Orientation to the World of Work through Industrial Arts and Vocational Education (Grades 1-12). | 55 | HAYNES, SUZANNE GROWEG VT 012 955 ED 049 383 The Role of Texas' Secondary Schools in the Preparation of Youth for Employment. | 81 |
| GURST, LAWRENCE E. VT 012 416 The Role of the Counselor in Vocational Education. | 37 | HEALTH CAREERS OF OHIO, COLUMBUS. VT 012 545 Health Careers Information Materials. | 48 |
| HAMMOND, ALLEN VT 012 816 ED 049 368 Mathematical Models in Education and Training. | 69 | HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION (DHEW), BETHESDA, MD. REGIONAL MEDICAL PROGRAMS SERVICE. VT 012 884 ED 048 509 Regional Medical Programs National Allied Health Conference. | 76 |
| HANSON, DORIS E. VT 012 996 ED 049 393 Workshop on Utilization and Training of Auxiliary Personnel in Home Economics. | 86 | HELLER, ANITA VT 011 593 ED 048 435 The Formal Environments for Learning: Schools, Colleges, and Universities. | 10 |
| HARRIS, E. EDWARD VT 012 989 ED 049 392 Employer Preferences and Teacher-Coordinator Practices in Distributive Education. Region V--U.S. Office of Education. | 86 | HENDERSON STATE COLL., ARKADELPHIA, ARK. M.H. RUSSELL CENTER FOR ECONOMIC EDUCATION. VT 012 507 A Report of the National Center for World-of-Work Economic Education Programs. | 45 |
| HARRIS, JAMES L. VT 012 820 Cycle Three Report. Occupational Training Information System. | 70 | HERUM, FLOYD L. VT 012 575 Evaluation Techniques in Agricultural Mechanization. | 52 |
| HARRIS, JAMES LEE VT 012 728 ED 048 490 The Enrollment Rates, Dropout Rates and Economic Benefits That Characterize the Experience of the Disadvantaged in Oklahoma's Occupational Training. | 65 | HIGHCOVE, J., AND OTHERS VT 012 161 ED (SEE AUG '71 RIE) Base Engineer Automated Management System (BEAMS): Implementation/Conversion Team Education. | 23 |
| HARVARD UNIV., CAMBRIDGE, MASS. VT 012 300 Internal Labor Markets and Manpower Analysis. | 30 | HIRD, H. RICHARD VT 012 914 Summer Employment of Ontario Secondary School Students, 1969. | 79 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|----------|--|------|
| HOERNER, THOMAS A. VT 012 571 Effectiveness of Skill Sheets and Demonstration Group Size for Instruction in Agricultural Mechanics. | 51 | ILLINOIS STATE DEPT. OF MENTAL HEALTH, SPRINGFIELD. VT 012 623 Mental Health Worker Career Series. | 56 |
| HOOVER, NORMAN K. VT 012 439 ED (SEE AUG '71 RIE) Vocational-Technical Education in Agricultural Resources. Final Report. | 38 | ILLINOIS UNIV., URBANA-CHAMPAIGN. VT 012 498 Knowledges and Skills Needed by Employees in Agricultural Supply Businesses: A Cooperative and Factor Analytic Study. | 44 |
| HORYNA, LARRY L., AND OTHERS VT 009 922 ED 034 874 Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development. | 5 | INDIANA RESEARCH AND DEVELOPMENT COORDINATING UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION, TERRE HAUTE. VT 008 571 A Blueprint for the Training of School Lunch Personnel in the Indiana Public Schools. | 4 |
| HUGHES, JAMES J. VT 012 942 ED 049 381 Cost-Benefit Aspects Of Manpower Retraining. | 80 | INSTITUTE FOR EDUCATIONAL DEVELOPMENT, NEW YORK, N.Y. VT 012 975 ED 049 390 Vocational Education and the Area Schools. A Report to the State of Iowa Office of Planning and Programming. | 84 |
| HULL, WILLIAM L. VT 012 505 Implementing Evaluation Findings. | 45 | VT 012 976 ED (SEE AUG '71 RIE) Bridging the Gap, An Independent Case Study. | 84 |
| HUMAN RESOURCES RESEARCH ORGANIZATION, ALEXANDRIA, VA. VT 012 641 Collected Papers Prepared Under Work Unit REPAIR: Training of Electronics Maintenance Personnel. VT 012 726 An Approach to the Development of Synthetic Performance Tests for Use in Training Evaluation. | 57 65 | INSTITUTE OF THE JOINT APPRENTICESHIP PROGRAM, BROOKLYN, N.Y. VT 012 548 ED 048 471 Black Craftsmen Through History. | 48 |
| HUMAN SERVICES MANPOWER CAREER CENTER, CHICAGO, ILL. VT 012 622 Indigenous Manpower for Social Planning. Report of a Work Conference (May 1, 1970). | 56 | IOWA AGRICULTURAL AND HOME ECONOMICS EXPERIMENT STATION, AMES. VT 012 474 ED 048 467 An Experimental Evaluation of the Effectiveness of Selected Techniques and Resources on Instruction in Vocational Agriculture. | 42 |
| HUSTED, FRANK L., ED. VT 012 821 ED 049 370 Manpower Conference on Allied Health Professions Assistants (Buffalo, N.Y., Apr 16-17, 1970). | 70 | IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES. VT 012 474 ED 048 467 An Experimental Evaluation of the Effectiveness of Selected Techniques and Resources on Instruction in Vocational Agriculture. | 42 |
| HYATT, NORMAN F. VT 012 868 Potential Lifetime Earnings Based on Job Classifications and Formal Education. Final Report. | 75 | IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES. DEPT. OF HOME ECONOMICS. VT 012 544 ED 048 470 Pilot Pattern for Home Management Instruction in Area Vocational School Curricula. | 48 |
| ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. VOCATIONAL AND TECHNICAL EDUCATION DIV. VT 012 966 ED (SEE AUG '71 RIE) A Workshop for Allied Health Teaching Personnel in Developing Behaviorally-Oriented Learning Materials. | 83 | | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|------------------------------------|------|------------------------------------|------|
| IOWA UNIV., IOWA CITY. | | KEENE, RICHARD | |
| VT 012 585 ED 047 152 | 53 | VT 012 817 ED 048 495 | 69 |
| FORMER SERVICEMEN OF THE ARMY | | Project SUCCESS: Student Upward | |
| MEDICAL DEPARTMENT; A PROFILE AND | | Challenges in Comprehensive | |
| ASSESSMENT OF AN UNTAPPED RESOURCE | | Exemplary Secondary Schools, | |
| OF ALLIED HEALTH MANPOWER. HEALTH | | School Year 1969-70. Final Report. | |
| CARE RESEARCH SERIES, NO. 14. | | | |
| IVERSEN, IVER. AND OTHERS | | KENNY REHABILITATION INST., | |
| VT 013 018 | 87 | MINNEAPOLIS, MINN. | |
| The HELP Campaign--An Evaluation. | | VT 013 018 | 87 |
| | | The HELP Campaign--An Evaluation. | |
| IVERSON, MAYNARD J., COMP. | | KIEWIT, MARY B. | |
| VT 012 183 | 24 | VT 012 417 ED 049 358 | 37 |
| 1970-71 Directory of Post- | | An Investigation of the | |
| Secondary Education in | | Effectiveness of a Design to | |
| Agricultural and Natural Resource | | Initiate Curriculum Change in Home | |
| Occupations. | | Economics. Pilot Study: Phase 1. | |
| JACKS, LLOYD P. | | KINNICK, ROBERT J. | |
| VT 012 557 ED (SEE AUG '71 RIE) | 49 | VT 012 121 | 21 |
| Development and Use of Subject | | Coordinated Program of Vocational | |
| Matter Materials for Vocational | | Rehabilitation and Special | |
| Education in Agriculture. | | Education Services for the | |
| | | Mentally Retarded (Ohio County). | |
| JACOBS, CLINTON O. | | KNAPPE, RONALD E. | |
| VT 012 573 | 52 | VT 012 184 ED 048 450 | 24 |
| Effectiveness of Prepared | | Underemployment Estimates by | |
| Instructional Units to Teach the | | County, United States, 1960. | |
| Principles of Internal Combustion | | | |
| Engine Operation and Maintenance. | | KREBS, A.H. | |
| JELDEN, DAVID L., ED. | | VT 012 647 ED (SEE AUG '71 RIE) | 57 |
| VT 012 983 ED 049 391 | 85 | Model for Evaluation of Secondary | |
| Summaries of Studies in Industrial | | School Programs of Vocational | |
| Arts, Trade and Industrial, and | | Education in Agriculture. | |
| Technical Education for 1930- | | | |
| Supplement. | | KRUGER, JOHN MOTT | |
| JELINEK, RICHARD C., AND OTHERS | | VT 012 904 ED 049 379 | 78 |
| VT 012 939 ED (SEE AUG '71 RIE) | 80 | Interaction Patterns of Industrial | |
| SUM (Service Unit Management): An | | Arts Teachers in Laboratory Type | |
| Organizational Approach to | | Situations at the Junior High | |
| Improved Patient Care. | | School Level. | |
| JOLIET JUNIOR COLL., ILL. | | LAGACE, MICHEL D. | |
| VT 013 009 ED (SEE AUG '71 RIE) | 86 | VT 012 914 | 79 |
| A Research and Development Project | | Summer Employment of Ontario | |
| in Occupational Education: The | | Secondary School Students, 1969. | |
| Development of Process Models for | | | |
| Decision-Making in Curriculum | | LAMB, JEAN | |
| Development and Evaluation. | | VT 005 614 | 2 |
| JUERGENSON, ELWOOD M., COMP. | | Correspondence Unit as Used in | |
| VT 012 385 ED 047 110 | 34 | Typing Audio Lab. | |
| SUMMARIES OF STUDIES IN | | LASAP, SOTERO L., JR. | |
| AGRICULTURAL EDUCATION, PACIFIC | | VT 011 744 | 12 |
| REGION, 1969-70. AN ANNOTATED | | The Professor of Agriculture: His | |
| BIBLIOGRAPHY. | | Response to Questionnaire. | |
| KAHLER, ALAN A. | | LAW, GORDON F., COMP | |
| VT 012 474 ED 048 467 | 42 | VT 012 910 ED 048 512 | 79 |
| An Experimental Evaluation of the | | Vocational-Technical Terminology. | |
| Effectiveness of Selected | | | |
| Techniques and Resources on | | | |
| Instruction in Vocational | | | |
| Agriculture. | | | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| LEE, ALLEN VT 012 659 ED 047 161 IMPROVEMENT AND DEVELOPMENT OF THE ORGANIZATION AND ADMINISTRATION OF VOCATIONAL-TECHNICAL EDUCATION. FINAL REPORT. | 59 | LOUISIANA STATE UNIV., BATON ROUGE. VT 012 471 Occupational and Educational Projections of Deep-South Delinquent and Non-Delinquent Black Males. | 42 |
| LEE, JASPER SLOAN VT 012 558 ED 047 147 VOCATIONAL EDUCATION INSTRUCTION SIMILARITIES IN CERTAIN CONTENT AREAS IN THE SECONDARY SCHOOLS. | 49 | LOUISIANA STATE UNIV., BATON ROUGE. DEPT. OF VOCATIONAL AGRICULTURAL EDUCATION. VT 012 213 ED 048 452 Educational and Occupational Aspirations and Expectations of High School Youth. | 26 |
| LEIGHTY, GEORGE W. VT 012 498 Knowledges and Skills Needed by Employees in Agricultural Supply Businesses: A Cooperative and Factor Analytic Study. | 44 | LOUISIANA STATE UNIV., BATON ROUGE. WATER RESOURCES RESEARCH INST. VT 012 590 ED 048 476 Water-Resources Manpower: Supply and Demand Patterns to 1980. | 54 |
| LERMAN, A., AND OTHERS VT 012 208 The Development of Measures of Vocational Interests and Relevant Aptitudes for the Deaf. Final Draft. | 25 | MACKENZIE, HELEN R. VT 012 011 ED (SEE AUG '71 RIE) Project BUILD, A Manpower Demonstration Program: February, 1968-March, 1969. | 16 |
| LEWIS, JAMES E. VT 012 590 ED 048 476 Water-Resources Manpower: Supply and Demand Patterns to 1980. | 54 | MACKENZIE, JOHN R. VT 012 011 ED (SEE AUG '71 RIE) Project BUILD, A Manpower Demonstration Program: February, 1968-March, 1969. | 16 |
| LEWIS, WILEY B. VT 011 916 Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. | 13 | MACON, CHARLES R. VT 012 613 Four Corners Regional Project for Vocational Education in Arizona. Final Report. | 54 |
| LEXINGTON SCHOOL FOR THE DEAF, NEW YORK, N.Y. VT 012 208 The Development of Measures of Vocational Interests and Relevant Aptitudes for the Deaf. Final Draft. | 25 | MAGISOS, JOEL H. VT 012 862 ED 048 503 Guide For State Vocational- Technical Education Information Dissemination Systems. | 74 |
| LINDAMOOD, WILLIAM A. VT 012 184 ED 048 450 Underemployment Estimates by County, United States, 1960. | 24 | MAHONEY, MARGARET H. VT 012 550 Prediction of Job Performance for Negro and White Medical Technicians. | 48 |
| LITTLE, J. KENNETH, ED. VT 013 051 ED (SEE AUG '71 RIE) Vocational Education: Today and Tomorrow. | 88 | MAIN, RAY E. VT 012 050 ED 048 443 The Effectiveness of Flash Cards in a Mathematical Self-Study Course for Group IV Personnel. | 18 |
| LLOYD, GLENNA G. VT 012 870 ED 049 378 A Study of the Causes of Physical and Emotional Problems Encountered by Older Women Returning to Secretarial Employment After a Prolonged Absence. | 75 | MALEY, DONALD VT 012 538 ED 047 143 A NEW ROLE FOR INDUSTRIAL ARTS IN THE SENIOR HIGH SCHOOL. | 47 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. | | MASSACHUSETTS STATE DEPT. OF COMMUNITY AFFAIRS, BOSTON. OFFICE OF TRAINING. | |
| VT 012 517 ED 048 468 | 46 | VT 012 713 | 63 |
| Manpower Services to Minority Groups: A Desk Reference for ES Personnel. | | Community Development Training Program. | |
| VT 012 602 ED 048 477 | 54 | MATHER, WILLIAM G. III, AND OTHERS | |
| Manpower Research Projects Through June 30, 1970. | | VT 012 898 ED 048 511 | 78 |
| VT 012 704 ED 048 486 | 62 | Man, His Job, and the Environment: A Review and Annotated Bibliography of Selected Recent Research on Human Performance. | |
| Negro Employment in the South. Volume I: The Houston Labor Market. | | MATLAND, MARC A. | |
| MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. BUREAU OF APPRENTICESHIP AND TRAINING. | | VT 012 366 ED 049 357 | 33 |
| VT 010 385 ED 038 505 | 7 | New Careers for the Subprofessional. | |
| APPRENTICESHIP PAST AND PRESENT. | | MCCALL, JOHN J. | |
| VT 012 363 | 33 | VT 012 452 ED 048 463 | 39 |
| Apprenticeship Coordinators. | | Racial Discrimination in the Job Market: The Role of Information and Search. | |
| VT 012 888 | 77 | MCCLAY, DAVID R. | |
| National Apprenticeship Policy for Ophthalmic Finisher-Dispenser. | | VT 012 894 | 77 |
| MARLAND, SIDNEY P., JR. | | Agricultural Education: Some Concerns and Comforts. | |
| VT 012 620 ED 048 480 | 55 | MCGILL UNIV., MONTREAL (QUEBEC). INDUSTRIAL RELATIONS CENTRE. | |
| Career Education Now. | | VT 011 591 ED 048 433 | 10 |
| MARYLAND STATE ADVISORY COUNCIL ON VOCATIONAL AND TECHNICAL EDUCATION, BALTIMORE. | | Organizational Role Behaviour. | |
| VT 012 398 | 35 | VT 011 592 ED 048 434 | 10 |
| Evaluation Report of Vocational- Technical Education in Maryland | | Autonomy in Work. | |
| MARYLAND UNIV., COLLEGE PARK. AGRICULTURAL EXPERIMENT STATION. | | VT 011 593 ED 048 435 | 10 |
| VT 012 647 ED (SEE AUG '71 RIE) | 57 | The Formal Environments for Learning: Schools, Colleges, and Universities. | |
| Model for Evaluation of Secondary School Programs of Vocational Education in Agriculture. | | VT 011 594 ED 048 436 | 11 |
| MARYLAND UNIV., COLLEGE PARK. COOPERATIVE EXTENSION SERVICE. | | Work Organizations, Behavior and Attitudes. | |
| VT 012 664 ED 048 433 | 59 | VT 011 595 ED 048 437 | 11 |
| Rehabilitation Work with the Blind; Role of the Helping Professional in Creating a Family Team. | | Studies of Education and Work. | |
| MARYLAND UNIV., COLLEGE PARK. DEPT. OF AGRICULTURAL AND EXTENSION EDUCATION. | | MCKINNON, RACHEL, AND OTHERS | |
| VT 011 744 | 12 | VT 012 129 | 22 |
| The Professor of Agriculture: His Response to Questionnaire. | | A Follow-up Study of Graduates from a Vocational Rehabilitation Program in a Residential Training Center for the Mentally Retarded. | |
| MASSACHUSETTS INST. OF TECH., CAMBRIDGE. | | MCLEAN, GARY N. | |
| VT 012 300 | 30 | VT 012 643 ED 047 160 | 57 |
| Internal Labor Markets and Manpower Analysis. | | DIFFICULTY INDICES AND PERFORMANCE NORMS FOR OFFICE-TYPING TASKS. FINAL REPORT. | |
| | | MEDICAL AND HEALTH RESEARCH ASSOCIATION OF NEW YORK CITY, INC., N.Y. | |
| | | VT 012 235 ED 048 453 | 27 |
| | | Toward a Career Ladder in Nursing: Upgrading Nurse's Aides to LPNs Through a Work-Study Program. | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| MEMORIAL UNIV., ST. JOHN'S (NEWFOUNDLAND). COMMITTEE ON PUBLICATIONS. VT 012 407 | | MINNESOTA UNIV., MINNEAPOLIS. INDUSTRIAL RELATIONS CENTER. VT 012 823 ED 048 497 | 70 |
| A System for Determining Knowledge Requirements in Electronic Technology. | 36 | Manual for the Minnesota Satisfactoriness Scales. | |
| MICHIGAN STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION, LANSING. VT 012 389 | | MINNESOTA UNIV., ST. PAUL. DEPT. OF AGRICULTURAL EDUCATION. VT 012 438 ED (SEE AUG '71 RIE) | 38 |
| First Annual Report of the Michigan Advisory Council for Vocational Education. | 34 | Research in Agricultural Education Program Beyond High School. | |
| MICHIGAN STATE UNIV., EAST LANSING. COLL. OF EDUCATION. VT 012 963 ED 049 386 | | MISSISSIPPI RESEARCH COORDINATING UNIT FOR VOCATIONAL-TECHNICAL EDUCATION, STATE COLLEGE. VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| A Five-State Try-Out and Demonstration Program to Determine the Generalizability of an Evaluation System for Local Programs of Vocational and Technical Education. | 82 | Development and Use of Subject Matter Materials for Vocational Education in Agriculture. | |
| MICHIGAN VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, LANSING. VT 012 579 ED 047 151 | | VT 012 560 ED 048 474 | 50 |
| MICHIGAN RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT, JULY 1, 1967-AUGUST 31, 1969. | 52 | Vocational Education Programs for Special Needs Students in Secondary Schools of Mississippi. | |
| MILLER, ROBERT W. VT 012 958 ED 049 384 | | MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION. VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| Strengthening Labor's Role in the War on Poverty. | 81 | Development and Use of Subject Matter Materials for Vocational Education in Agriculture. | |
| MILLER, W.R. VT 011 856 | | MISSISSIPPI STATE UNIV., STATE COLLEGE. DEPT. OF AGRICULTURAL EDUCATION. VT 012 557 ED (SEE AUG '71 RIE) | 49 |
| Annotated Bibliography of Publications and Reports of Research Dealing with the Interpretation of the "World of Work" to Elementary Children. | 13 | Development and Use of Subject Matter Materials for Vocational Education in Agriculture. | |
| MINNESOTA RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, MINNEAPOLIS. VT 011 721 ED 042 917 | | MISSOURI STATE DEPT. OF EDUCATION, JEFFERSON CITY. VT 006 122 ED (SEE AUG '71 RIE) | 2 |
| Report of a Seminar: Process and Techniques of Vocational Curriculum Development, 1970. | 12 | A Comparison of Two Methods of Preparing Youth for Employment: Cooperative Occupational Education Versus the Preparatory Vocational- Technical School. | |
| MINNESOTA STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION, ST. PAUL. VT 012 224 | | MISSOURI UNIV., COLUMBIA. VT 012 311 | 30 |
| Report of the Minnesota State Advisory Council for Vocational Education--1970. | 27 | A Comparison of the Self Concept of Vocational and Technical Students. | |
| MINNESOTA STATE DIV. OF VOCATIONAL TECHNICAL EDUCATION, ST. PAUL. VT 012 969 ED 049 389 | | MISSOURI UNIV., COLUMBIA. DEPT. OF PRACTICAL ARTS AND VOCATIONAL-TECHNICAL EDUCATION. VT 006 122 ED (SEE AUG '71 RIE) | 2 |
| Proceedings of the Training Institute for Rural Disadvantaged, August 17-21, 1970. | 84 | A Comparison of Two Methods of Preparing Youth for Employment: Cooperative Occupational Education Versus the Preparatory Vocational- Technical School. | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 011 856 | 13 | MUTHARD, JOHN E. | |
| Annotated Bibliography of Publications and Reports of Research Dealing with the Interpretation of the "World of Work" to Elementary Children. | | VT 012 694 ED 048 485 | 62 |
| MITCHELL, E.F., AND OTHERS | | Rehabilitation Research and Demonstration Projects, 1955-1970. | |
| VT 012 618 ED 049 361 | 55 | MYERS, ROBIN | |
| A Comprehensive Orientation to the World of Work through Industrial Arts and Vocational Education (Grades 1-12). | | VT 012 548 ED 048 471 | 48 |
| MONDART, C.L., SR., AND OTHERS | | Black Craftsmen Through History. | |
| VT 012 213 ED 048 452 | 26 | NATIONAL ADVISORY COUNCIL ON VOCATIONAL EDUCATION, WASHINGTON, D.C. | |
| Educational and Occupational Aspirations and Expectations of High School Youth. | | VT 012 721 ED 048 489 | 64 |
| MONTGOMERY COUNTY PUBLIC SCHOOLS, ROCKVILLE, MD. | | National Advisory Council on Vocational Education. Fourth Report. | |
| VT 012 693 | 62 | NATIONAL ASSOCIATION FOR PRACTICAL NURSE EDUCATION AND SERVICE, INC., NEW YORK, N.Y. | |
| Work Oriented Curriculum Project. | | VT 001 874 | 2 |
| MOODY, FERMAN B. | | Practical Nursing Education. A Guide to the Improvement of Classroom Teaching and Testing. | |
| VT 012 413 ED 048 460 | 36 | NATIONAL ASSOCIATION OF INDUSTRIAL AND TECHNICAL EDUCATION. | |
| A Description of Special Vocational Education Programs for Disadvantaged Persons in Pennsylvania. | | VT 012 983 ED 049 391 | 85 |
| MOONEY, JOSEPH D. | | Summaries of Studies in Industrial Arts, Trade and Industrial, and Technical Education for 1930-Supplement. | |
| VT 012 299 ED 048 456 | 30 | NATIONAL BUREAU OF STANDARDS (DOC), WASHINGTON, D.C. TECHNICAL ANALYSIS DIV. | |
| Urban Poverty and Labor Force Participation (and Comment). | | VT 012 898 ED 048 511 | 78 |
| MORINE, JOHN P. | | Man, His Job, and the Environment: A Review and Annotated Bibliography of Selected Recent Research on Human Performance. | |
| VT 012 763 ED 049 363 | 66 | NATIONAL BUSINESS EDUCATION ASSOCIATION, WASHINGTON, D.C. PUBLICATIONS COMMITTEE. | |
| Tufts University Summer Guidance Institute on the Utilization of Occupational Education and Placement (Medford, Mass., Jul 20-31, 1970). Final Report. | | VT 012 486 | 43 |
| MOSS, JEROME, JR., ED. | | A Chronology of Business Education in the United States. | |
| VT 011 721 ED 042 917 | 12 | NATIONAL CENTER FOR EDUCATIONAL STATISTICS (DHEW/OE), WASHINGTON, D.C. | |
| Report of a Seminar: Process and Techniques of Vocational Curriculum Development, 1970. | | VT 012 891 | 77 |
| MURRAY STATE UNIV., KY. INSTITUTIONAL STUDIES AND RESEARCH COMMITTEE. | | Standard Terminology For Curriculum and Instruction In Local and State School Systems. | |
| VT 012 350 | 32 | NATIONAL CIVIL SERVICE LEAGUE, WASHINGTON, D.C. | |
| A Comparative Study of State Vocational Cooperative and Simulated Business and Office Programs. | | VT 012 273 | 29 |
| MUSCLE SHOALS COUNCIL OF LOCAL GOVERNMENTS, ALA. | | Public Employment and the Disadvantaged: An annotated Bibliography. | |
| VT 012 376 | 33 | | |
| A Study of Vocational Education in the Muscle Shoals Region. | | | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|----------|--|----------|
| NATIONAL COMMITTEE FOR CHILDREN AND YOUTH, WASHINGTON, D.C. VT 012 115 ED 048 445 Project Crossroads--Phase 1. Final Report. | 20 | NEBRASKA STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION, LINCOLN. VT 012 404 1970 Annual Evaluation Report to the State Board for Vocational Education. | 41 |
| NATIONAL COMMITTEE ON EMPLOYMENT OF YOUTH, NEW YORK, N.Y. VT 012 026 ED 048 440 Career Mobility for Paraprofessionals in Human Service Agencies. | 16 | NEVADA STATE DEPT. OF EDUCATION, CARSON CITY. GUIDANCE AND PUPIL PERSONNEL SERVICE. VT 012 727 Licensed and Certified Occupations in Nevada. | 65 |
| NATIONAL COMMITTEE ON EMPLOYMENT OF YOUTH, WASHINGTON, D.C. VT 012 366 ED 049 357 New Careers for the Subprofessional. | 33 | NEVADA STATE DEPT. OF EMPLOYMENT SECURITY, CARSON CITY. MANPOWER INFORMATION AND RESEARCH SECTION. VT 012 727 Licensed and Certified Occupations in Nevada. | 65 |
| NATIONAL INDUSTRIAL CONFERENCE BOARD, NEW YORK, N.Y. VT 012 775 ED 049 364 The Technical Manpower Shortage: How Acute? A Chart Essay. | 67 | NEVADA STATE VOCATIONAL-TECHNICAL EDUCATION ADVISORY COUNCIL, CARSON CITY. VT 012 525 Annual Evaluation Report. | 46 |
| NATIONAL INST. FOR NEW CAREERS, WASHINGTON, D.C. VT 012 409 ED 048 459 Allied Health Education. Comprehensive Health Services. | 36 | NEW JERSEY OCCUPATIONAL RESEARCH AND DEVELOPMENT BRANCH, TRENTON. VT 012 819 ED 049 369 Incidence of Geographic and Occupational Mobility Among Certified Electronic Technicians in the Middle Atlantic States. | 69 |
| NATIONAL INSTITUTES OF HEALTH, WASHINGTON, D.C. DIV. OF PHYSICIAN MANPOWER. VT 011 375 ED (SEE AUG '71 RIE) Graduate, Then What--Jobs in Health. | 9 | NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. OCCUPATIONAL RESEARCH AND DEVELOPMENT BRANCH. VT 012 415 A Study of the Office Employment Expectations of White and Nonwhite Business Education Students.. VT 012 810 ED 049 367 A Compilation of Resource Lists for Vocational Educators: An Annotated Bibliography of Bibliographies in Vocational Education, 1960-1969. | 37 68 |
| NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. DEPT. OF DIPLOMA PROGRAMS. VT 013 020 ED (SEE AUG '71 RIE) Keeping on Course. Report of the 1970 Regional Workshops of the Council of Diploma Programs. | 88 | NEW MEXICO STATE ADVISORY COUNCIL FOR VOCATIONAL-TECHNICAL EDUCATION, SANTA FE. VT 012 551 Vocational-Technical Education in New Mexico. 1970 Annual Report. | 49 |
| NATIONAL MANPOWER POLICY TASK FORCE, WASHINGTON, D.C. VT 012 854 ED 048 501 Improving The Nation's Manpower Efforts. A Position Paper. VT 012 855 ED 049 375 Conference on Upgrading and New Careers. | 72 72 | NEW MEXICO STATE EMPLOYMENT SECURITY COMMISSION, ALBUQUERQUE. STATE EMPLOYMENT SERVICE. VT 012 678 New Mexico Farm Labor and Rural Manpower Program 1969. Annual Report. | 61 |
| NATIONAL SCHOOL PUBLIC RELATIONS ASSOCIATION, WASHINGTON, D.C. VT 012 951 ED (SEE AUG '71 RIE) Vocational Education: Innovations Revolutionize Career Training. Education U.S.A. Special Report. | 91 | | |
| NAVAL PERSONNEL RESEARCH ACTIVITY, SAN DIEGO, CALIF. NAVY TRAINING RESEARCH LAB. VT 012 050 ED 048 443 The Effectiveness of Flash Cards in a Mathematical Self-Study Course for Group IV Personnel. | 18 | | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| NEW YORK STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, ALBANY. VT 012 396 Financing Occupational Education in New York State. | 35 | NEWMAN, ANN VT 012 544 ED 048 470 Pilot Pattern for Home Management Instruction in Area Vocational School Curricula. | 48 |
| NEW YORK STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, ALBANY, TEACHER CERTIFICATION STUDY COMMITTEE. VT 012 397 Report of the New York State Advisory Council on Vocational Education Teacher Certification Study Committee. | 35 | NEWTON, W.L. VT 012 203 Vocational Instructors Workshops. Final Descriptive Report. | 25 |
| NEW YORK STATE DEPT. OF LABOR, ALBANY. DIV. OF EMPLOYMENT. VT 012 587 Registered Apprentice Training Entry Requirements as Established by New York State Program Sponsors--1970 A Joint Report. | 53 | VT 012 204 Vocational Instructors Workshop in Cosmetology. | 25 |
| NEW YORK STATE DEPT. OF LABOR, ALBANY. RESEARCH AND STATISTICS OFFICE. VT 008 016 Manpower Directions in New York State, 1965-1975. Volume I. | 3 | NICASTRO, JOSEPH S. VT 012 811 ED 048 492 Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. Project ABLE, Final Report. | 68 |
| VT 008 017 Manpower Directions in New York State, 1965-1975. Job Requirements and Labor Force. Volume II. | 3 | NIKOLITCH, KADOJE VT 012 056 ED (SEE AUG '71 RIE) Our 31,000 Largest Farms. | 19 |
| NEW YORK STATE EDUCATION DEPT., ALBANY. VT 012 587 Registered Apprentice Training Entry Requirements as Established by New York State Program Sponsors--1970 A Joint Report. | 53 | NISH, DALE L. VT 011 915 Developing and Testing of an Instructional System in Plastics. Program Report: Improving Instruction in Small Schools. | 13 |
| NEW YORK UNIV., N.Y. VT 012 249 ED 048 454 New Workers in the Banking Industry: A Minority Report. | 27 | NORTH CAROLINA COMMITTEE ON OCCUPATIONAL EXPLORATION IN THE PUBLIC SCHOOLS. VT 012 516 Exploring the World of Work, Grades 6-9. | 46 |
| NEW YORK UNIV., N.Y. SCHOOL OF COMMERCE. VT 011 471 ED (SEE AUG '71 RIE) Industry Hiring Requirements and the Employment of Disadvantaged Groups. | 9 | NORTH CAROLINA STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, RALEIGH. VT 012 324 Annual Evaluation Report--FY 1970. | 31 |
| NEW YORK UNIV., N.Y. SCHOOL OF EDUCATION. VT 012 964 ED 049 387 Development of Educational Programs for New Careers in Recreation Services for the Disabled. | 83 | NORTH CAROLINA STATE BOARD OF HEALTH, RALEIGH. DIV. OF EPIDEMIOLOGY. VT 012 663 Rules and Regulations Governing Ambulance Service. | 59 |
| | | NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION. VT 012 941 ED 048 513 Projected Activities for Fifth Funding Period and Annual Report. | 80 |
| | | VT 012 953 ED 048 515 The Continuation of the Center For Research, Development and Training In Occupational Education. Quarterly Report. | 81 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| NORTH CAROLINA UNIV., CHAPEL HILL. INST. OF GOVERNMENT. VT 012 858 ED 048 502 Hiring the Disadvantaged. | 73 | OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. VT 003 430 ED (SEE AUG '71 RIE) Vocational Education--An Annotated Bibliography of Selected References, 1917-1966 (Below College). | 2 |
| NORTH CAROLINA UNIV., RALPHIGH N.C. STATE UNIV. CENTER FOR OCCUPATIONAL EDUCATION. VT 011 961 ED 043 781 Patterns and Guidelines for Administering Exemplary Programs and Projects at the State Level. | 14 | OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF ADULT, VOCATIONAL AND LIBRARY PROGRAMS. VT 012 890 Conference Report: Trade and Industrial Education Curriculum Materials (Atlanta, Ga., July 1-2, 1968). | 77 |
| NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK. VT 012 969 ED 049 389 Proceedings of the Training Institute for Rural Disadvantaged, August 17-21, 1970. | 84 | OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION. VT 012 731 ED 048 491 Resource Manual 71 for the Development of Cooperative Vocational Education Programs Under the Vocational Education Amendments of 1968. | 65 |
| NORTH TEXAS STATE UNIV., DENTON. VT 012 057 ED 044 521 THE DEVELOPMENT OF A THEORETICAL CONSTRUCT OF THE CONCEPTS OF TOUCH AS THEY RELATE TO NURSING. FINAL REPORT. | 19 | OHIO NURSES ASSOCIATION, COLUMBUS. VT 012 387 Ohio Schools of Nursing Notebook School Counselors. | 34 |
| NORTHERN CALIFORNIA INDUSTRY-EDUCATION COUNCIL, SAN FRANCISCO. VT 012 653 Summary 1969-1970. | 58 | OHIO STATE BUREAU OF EMPLOYMENT SERVICES, COLUMBUS. VT 009 178 Ohio Employment Information Series: Part II, Training Directory, 1969. | 4 |
| NORTHWEST COMMUNITY COLL., POWELL, WYO. STUDENT PERSONNEL SERVICES. VT 012 528 Occupational and Technical Education Needs of Business and Industrial Firms of the Big Horn Basin. | 46 | OHIO STATE UNIV., COLUMBUS. CENTER FOR HUMAN RESOURCE RESEARCH. VT 012 856 ED 049 376 Years for Decision: A Longitudinal Study of the Educational and Labor Market Experience of Young Women. | 73 |
| NORTHWEST REGIONAL EDUCATIONAL LAB., PORTLAND, OREG. VT 011 915 Developing and Testing of an Instructional System in Plastics. Program Report: Improving Instruction in Small Schools. | 13 | OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION. VT 011 686 ED 043 744 Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education. | 11 |
| O'BRIEN, ROBERT K. VT 012 705 ED 048 487 Testing of the Guidance Program. Project ABLE: Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. | 62 | VT 012 505 Implementing Evaluation Findings. VT 012 658 ED 048 482 Review and Synthesis of Research and Consumer and Homemaking Education. | 45 |
| OAK RIDGE ASSOCIATED UNIVERSITIES, TENN. VT 012 675 Training and Technology: Annual Summary. | 60 | VT 012 862 ED 048 503 Guide For State Vocational- Technical Education Information Dissemination Systems. | 74 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 961 ED 048 516 Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970. | 82 | OKLAHOMA STATE ADVISORY COUNCIL FOR VOCATIONAL-TECHNICAL EDUCATION, OKLAHOMA CITY. VT 012 394 | 35 |
| VT 012 962 ED 049 385 Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1970. | 82 | "Hire" Education by Decision--Not Default. | |
| VT 013 011 ED (SFE AUG '71 RIE) Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters. | 87 | OKLAHOMA VOCATIONAL RESEARCH COORDINATING UNIT, STILLWATER. VT 012 515 | 46 |
| OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION. VT 011 916 | 13 | Process Evaluation of Vocational Education. Review and Synthesis of Selected "Research in Education" Documents January 1, 1968 to August 31, 1970. | |
| Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. | | OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION. VT 012 497 | 44 |
| VT 012 183 1970-71 Directory of Post- Secondary Education in Agricultural and Natural Resource Occupations. | 24 | Special Project for the Implementation of Cooperative Education. | |
| VT 012 386 Supply and Demand for Teachers of Vocational Agriculture in 1970. | 34 | ONTARIO DEPT. OF LABOUR, TORONTO. RESEARCH BRANCH. VT 012 914 | 79 |
| VT 012 466 The 1969 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | 41 | Summer Employment of Ontario Secondary School Students, 1969. | |
| VT 012 540 The 1970 Occupations of Recent Graduates of Vocational Agriculture in Ohio. | 47 | OPERATIONS RESEARCH, INC., SILVER SPRINGS, MD. VT 012 451 ED 048 462 | 39 |
| OHIO UNIV., ATHENS. CENTER FOR ECONOMIC EDUCATION. VT 012 710 | 63 | Longitudinal Evaluation Study of Five Manpower Training Programs: Investigation of the Study Sample Design. | |
| Attitude Testing for an Experimental Junior High School Course in Economic Education and Manpower Development. | | OREGON RESEARCH INST., EUGENE. VT 012 051 ED (SEE AUG '71 RIE) | 18 |
| OHIO UNIV., ATHENS. COLL. OF BUSINESS ADMINISTRATION. VT 012 616 ED 048 478 | 55 | Task Learning, Interpersonal Learning and Cognitive Complexity. | |
| Economics of Human Resources: A Bibliography. | | OREGON STATE BUREAU OF LABOR, SALEM. VT 012 738 | 66 |
| OKLAHOMA STATE ADVISORY COUNCIL FOR VOCATIONAL AND TECHNICAL EDUCATION, OKLAHOMA CITY. VT 012 393 | 35 | Toward Your Future Job--Drive or Drift? An Exploratory Look at Career Hopes and Occupational Aspirations of Young People of Oregon. | |
| First Report, Advisory Council to the Oklahoma State Board of Vocational and Technical Education. | | OREGON STATE SYSTEM OF HIGHER EDUCATION, MCNMOUTH. TEACHING RESEARCH DIV. VT 012 659 ED 047 161 | 59 |
| | | IMPROVEMENT AND DEVELOPMENT OF THE ORGANIZATION AND ADMINISTRATION OF VOCATIONAL-TECHNICAL EDUCATION. FINAL REPORT. | |
| | | OREGON STATE UNIV., EUGENE. SCHOOL OF EDUCATION. VT 012 824 | 71 |
| | | Bibliography of CORE (Careers Oriented Relevant Education). Related Projects and Materials. | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|--|------|
| ORGANISATION FOR ECONOMIC COOPERATION AND DEVELOPMENT, PARIS (FRANCE). VT 012 291 | 29 | PEYTON, HAROLD L. VT 012 571 | 51 |
| The American Telephone and Telegraph. | | Effectiveness of Skill Sheets and Demonstration Group Size for Instruction in Agricultural Mechanics. | |
| OSBORN, WILLIAM C. VT 012 726 | 65 | PICOU, J. STEVEN VT 012 471 | 42 |
| An Approach to the Development of Synthetic Performance Tests for Use in Training Evaluation. | | Occupational and Educational Projections of Deep-South Delinquent and Non-Delinquent Black Males. | |
| PAPUA AND NEW GUINEA UNIV., PORT MORESBY. VT 012 155 | 23 | PIORE, MICHAEL J. VT 012 300 | 30 |
| Technical Education and Industrial Training. | | Internal Labor Markets and Manpower Analysis. | |
| PARRY, MARY ELLEN VT 012 550 | 48 | POLLMANN, JAMES C. VT 012 033 | 17 |
| Prediction of Job Performance for Negro and White Medical Technicians. | | A Study of High School Seniors from Two South Dakota Area Vocational-Technical School Areas Who Are Interested in Non-Farm Agricultural Occupations. | |
| PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION. VT 012 413 ED 048 460 | 36 | PORTLAND SCHOOL DISTRICT, OREG. VOCATIONAL VILLAGE. VT 013 054 ED 049 395 | 88 |
| A Description of Special Vocational Education Programs for Disadvantaged Persons in Pennsylvania. | | Development of a Plan to Improve the Personalized Instruction Program at Vocational Village. Final Report. | |
| PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION. VT 012 439 ED (SEE AUG '71 RIR) | 38 | POTTS, FRANK VT 012 640 | 56 |
| Vocational-Technical Education in Agricultural Resources. Final Report. | | Jobs in the Plastics Industry. Series 1100-6-70. | |
| PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF VOCATIONAL EDUCATION. VT 012 514 | 45 | POWELL, PHILLIP E. VT 012 710 | 63 |
| Geographic-Job Mobility of the Pennsylvania State University Two- Year Technician Graduates. | | Attitude Testing for an Experimental Junior High School Course in Economic Education and Manpower Development. | |
| PERRY, J. WARREN, ED. VT 012 821 ED 049 370 | 70 | PRESIDENT'S COMMITTEE ON EMPLOYMENT OF THE HANDICAPPED, WASHINGTON, D.C. VT 012 889 | 77 |
| Manpower Conference on Allied Health Professions Assistants (Buffalo, N.Y., Apr 16-17, 1970). | | Minutes, Annual Meeting, 1970. | |
| PERSONS, EDGAR, ED. VT 012 438 ED (SEE AUG '71 RIE) | 38 | PUCEL, DAVID J., AND OTHERS VT 012 724 | 64 |
| Research in Agricultural Education Program Beyond High School. | | Vocational Maturity and Vocational Training. | |
| PETROCCHI, DAVID VT 012 130 | 22 | PURDUE UNIV., LAFAYETTE, IND. OFFICE OF MANPOWER STUDIES. VT 012 442 | 38 |
| A Survey of Physically and Mentally Handicapped Welfare Recipients Who Have Vocational Rehabilitation Potential. | | Foremen in Indiana Industries; Their Characteristics, Job Functions, and Educational Requirements. | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| PUTNAM, JOHN F., COMP. VT 012 891 Standard Terminology For Curriculum and Instruction In Local and State School Systems. | 77 | ROBERTSON, VON H. VT 012 455 Evaluation of Summer Vocational Classes for High School Students at Utah Technical College at Provo and in Alpine, Nebo, and Provo School Districts 1964-1969. | 40 |
| QUEEN'S UNIV., KINGSTON (ONTARIO). INDUSTRIAL RELATIONS CENTRE. VT 012 352 ED 045 848 COST-BENEFIT ANALYSIS AND THE ECONOMICS OF INVESTMENT IN HUMAN RESOURCES. AN ANNOTATED BIBLIOGRAPHY. | 32 | ROBON, NANCY C. VT 012 217 The Effectiveness of Teaching Beginning Typewriting with Television Monitors, Selectric Typewriters, and an Open-Access Laboratory. | 26 |
| VT 013 010 ED (SEE AUG '71 RIE) Training the Poor. A Benefit-Cost Analysis of Manpower Programs in the U.S. Antipoverty Program. | 87 | ROCKY MOUNTAIN EDUCATIONAL LAB., INC., GREELEY, COLO. VT 009 922 ED 034 874 Working, Learning and Career Planning: A Cooperative Approach to Human Resource Development. | 5 |
| QUINCY PUBLIC SCHOOLS, MASS. VT 012 705 ED 048 487 Testing of the Guidance Program. Project ABLE; Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. | 62 | VT 009 939 ED 034 880 Occupational Education Program; Image of the World of Work, Volume I. | 5 |
| VT 012 811 ED 048 492 Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational- Technical School. Project ABLE, Final Report. | 68 | VT 009 940 ED 034 881 The World of Working and Learning. | 6 |
| RAND CORP., SANTA MONICA, CALIF. VT 012 452 ED 048 463 Racial Discrimination in the Job Market: The Role of Information and Search. | 39 | VT 009 985 ED 034 884 Occupational Education Programs; Image of the World of Work, Volume III. | 6 |
| VT 012 650 Maintaining Efficient Training Programs for Air Force Technical Specialties. | 58 | VT 009 986 ED 034 885 Occupational Education Programs; Image of the World of Work, Volume II. | 6 |
| VT 012 816 ED 049 368 Mathematical Models in Education and Training. | 69 | ROGERS, JAMES P. VT 010 912 The Development and Evaluation of an Improved Electronics Troubleshooting Manual. | 8 |
| REBER, RAY VT 005 614 Correspondence Unit as Used in Typing Audio Lab. | 2 | ROGOLSKY, SAUL VT 012 664 ED 048 483 Rehabilitation Work with the Blind: Role of the Helping Professional in Creating a Family Team. | 59 |
| REES, S. LAURIE, COMP. VT 012 226 The Disadvantaged and Jobs. | 27 | ROSEN, DORIS B. VT 012 878 ED 048 507 Employment Testing And Minority Groups, As Reported in the Literature. | 76 |
| RESNICK, HAROLD S. VT 011 472 The Implementation of Flexible Modular Scheduling for Industrial Education. | 9 | ROSS, B. JOHN VT 012 483 ED 047 126 MUSEUM RESOURCES AND THEIR UTILIZATION IN INDUSTRIAL ARTS EDUCATION. | 43 |
| RHINE, SHIRLEY H. VT 012 775 ED 049 364 The Technical Manpower Shortage: How Acute? A Chart Essay. | 67 | | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. VT 011 731 Annual Report of COPE (3rd); The Cooperative Occupational Pre- Teaching Experience Program. | 12 | SCHMIEDEBERG, JUDY VT 012 169 Follow-Up Study of the Graduates of the Albuquerque Technical- Vocational Institute. | 23 |
| RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. DEPT. OF VOCATIONAL-TECHNICAL EDUCATION. VT 012 414 ED 048 461 Leadership and Change in Vocational-Technical Education: Administrators' Workshop. | 36 | SCOTT, ELLIS L., ED. VT 012 443 ED 047 116 AUTOMATION AND SOCIETY. THE GEORGIA-RELIANCE SYMPOSIUM. | 38 |
| VT 012 417 ED 049 358 An Investigation of the Effectiveness of a Design to Initiate Curriculum Change in Home Economics. Pilot Study: Phase 1. | 37 | SETHNEY, BARBARA J. VT 013 011 ED (SEE AUG '71 RIE) Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters. | 87 |
| RYAN, LAVERNE C. VT 012 350 A Comparative Study of State Vocational Cooperative and Simulated Business and Office Programs. | 32 | SHAPOVALENKO, S.G., ED. VT 008 440 ED 033 194 POLYTECHNICAL EDUCATION IN THE U.S.S.R. MONOGRAPHS ON EDUCATION- III. | 4 |
| RYANT, JOSEPH C. VT 011 594 ED 048 436 Work Organizations, Behavior and Attitudes. | 11 | SHEA, JOHN R., AND OTHERS VT 012 856 ED 049 376 Years for Decision: A Longitudinal Study of the Educational and Labor Market Experience of Young Women. | 73 |
| SAM HOUSTON STATE UNIV., HUNTSVILLE, TEX. INST. OF CONTEMPORARY CORRECTIONS AND THE BEHAVIORAL SCIENCES. VT 012 360 ED (SEE AUG '71 RIE) Police-Community Relations. | 32 | SHELLFY (E.F.) AND CO., INC., WASHINGTON, D.C. VT 012 029 ED 048 441 Worker Relocation: A Review of U.S. Department of Labor Mobility Demonstration Projects. | 17 |
| SANDERS, LESTER E. VT 006 122 ED (SEE AUG '71 RIE) A Comparison of Two Methods of Preparing Youth for Employment: Cooperative Occupational Education Versus the Preparatory Vocational- Technical School. | 2 | SHENK, FAYE VT 012 178 ED (SEE AUG '71 RIE) Career Indications Among Junior Officers. | 24 |
| SARGEANT, DONALD G. VT 012 060 ED 045 824 AN EXPERIMENT IN EVALUATING METHODS OF DISSEMINATION OF BUSINESS SIMULATION INSTRUCTIONAL MATERIALS TO AGRICULTURE TEACHERS. | 19 | SIMON, HAROLD J., ED. VT 012 275 ED 048 455 Articulations Between Medical and Premedical Education. Proceedings of a Conference. | 29 |
| SAVINO, MICHAEL T. VT 012 131 A Two Year Follow-Up of a Cooperative Vocational Rehabilitation Program at Metropolitan State Hospital. | 22 | SKILL UPGRADING, INC., BALTIMORE, MD. VT 012 017 ED 048 439 Skill Upgrading, Incorporated. | 16 |
| SCHAEFFER, CARL J., COMP. VT 012 910 ED 048 512 Vocational-Technical Terminology. | 79 | SMITH, BRANDON B., ED. VT 011 721 ED 042 917 Report of a Seminar: Process and Techniques of Vocational Curriculum Development, 1970. | 12 |
| | | SMITH, WIL J., ED. VT 012 665 ED 048 484 Education in a Technological Society. | 59 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|---|------|---|------|
| SOBOLIK, GAYLE A. VT 012 004 A History of Business Letter- Writing Theory as Revealed in an Interpretative Analysis of American Collegiate Business Communication Textbooks, 1915-1967. | 15 | STANFORD UNIV., CALIF. VT 012 275 ED 048 455 Articulations Between Medical and Premedical Education. Proceedings of a Conference. | 29 |
| SOMERS, GERALD G., ED. VT 013 051 ED (SEE AUG '71 RIE) Vocational Education: Today and Tomorrow. | 88 | STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER (SIDEC). VT 011 963 ED 043 783 Factors Associated with the Migration of High-Level Persons from the Philippines to the U.S.A.. | 14 |
| SONGE, ALICE VT 003 430 ED (SEE AUG '71 RIE) Vocational Education--An Annotated Bibliography of Selected References, 1917-1966 (Below College). | 2 | STATE UNIV. OF NEW YORK, BUFFALO. SCHOOL OF HEALTH RELATED PROFESSIONS. VT 012 821 ED 049 370 Manpower Conference on Allied Health Professions Assistants (Buffalo, N.Y., Apr 16-17, 1970). | 70 |
| SOUTH CAROLINA STATE DEPT. OF EDUCATION, COLUMBIA. DISTRIBUTIVE EDUCATION SECTION. VT 012 628 Self Evaluation. | 56 | STATE UNIV. OF NEW YORK, ITHACA. SCHOOL OF INDUSTRIAL AND LABOR RELATIONS AT CORNELL UNIV. VT 012 878 ED 048 507 Employment Testing And Minority Groups, As Reported in the Literature. | 76 |
| SOUTH DAKOTA AGRICULTURAL EXPERIMENT STATION, BROOKINGS. VT 012 033 A Study of High School Seniors from Two South Dakota Area Vocational-Technical School Areas Who Are Interested in Non-Farm Agricultural Occupations. | 17 | STATS, JEANETTE VT 012 468 Door to Opportunity. Title V, Economic Opportunity Act. | 41 |
| SOUTH DAKOTA STATE ADVISORY COUNCIL ON VOCATIONAL AND TECHNICAL EDUCATION, PIERRE. VT 012 494 Report of an Evaluation of the Vocational-Technical Program in South Dakota. | 44 | STEED, ALLEN TERRY VT 012 560 ED 048 474 Vocational Education Programs for Special Needs Students in Secondary Schools of Mississippi. | 50 |
| SOUTH DAKOTA STATE DIV. OF VOCATIONAL-TECHNICAL EDUCATION, PIERRE. VT 012 969 ED 049 389 Proceedings of the Training Institute for Rural Disadvantaged, August 17-21, 1970. | 84 | STEVENS, GLENN Z. VT 012 439 ED (SEE AUG '71 RIE) Vocational-Technical Education in Agricultural Resources. Final Report. | 38 |
| SOUTHERN ILLINOIS UNIV., CARBONDALE. VT 012 966 ED (SEE AUG '71 RIE) A Workshop for Allied Health Teaching Personnel in Developing Behaviorally-Oriented Learning Materials. | 83 | STEVENSON, WILLIAM W. VT 012 820 Cycle Three Report. Occupational Training Information System. | 70 |
| SOUTHERN ILLINOIS UNIV., CARBONDALE. SCHOOL OF AGRICULTURE. VT 012 677 ED (SEE AUG '71 RIE) Measurement of the Agricultural Resources Role in Southern Illinois Agricultural Education. | 61 | STITT, THOMAS R. VT 012 677 ED (SEE AUG '71 RIE) Measurement of the Agricultural Resources Role in Southern Illinois Agricultural Education. | 61 |
| | | TAYLOR, CELIANNA I. VT 012 862 ED 048 503 Guide For State Vocational- Technical Education Information Dissemination Systems. | 74 |

| PAGE | | PAGE |
|--------|---|------|
| | TECHNICAL COMMUNICATIONS, INC., LOS ANGELES, CALIF. | |
| 12 161 | ED (SEE AUG '71 RIE) | |
| 23 | Use Engineer Automated Management System (BEAMS): Implementation/Conversion Team Education. | |
| | VERMONT STATE BOARD FOR VOCATIONAL EDUCATION, MURFREESBORO. VOCATIONAL CURRICULUM LAB. | |
| 12 890 | | |
| 77 | Conference Report: Trade and Industrial Education Curriculum Materials (Atlanta, Ga., July 1-2, 68). | |
| | VERMONT STATE BOARD FOR VOCATIONAL EDUCATION, MURFREESBORO. VOCATIONAL CURRICULUM LAB. | |
| 12 226 | | |
| 27 | The Disadvantaged and Jobs. | |
| 12 675 | | |
| 60 | Training and Technology: Annual Summary. | |
| | VERMONT STATE BOARD FOR VOCATIONAL EDUCATION, MURFREESBORO. | |
| 12 319 | | |
| 31 | Tennessee State Advisory Council on Vocational Education: Continued and Further Improvement of Education in Tennessee. | |
| | VERMONT STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION, MURFREESBORO. | |
| 1 902 | | |
| 13 | Concerned Texas. A Report of the Governor's Conference on Technical-Vocational Education. | |
| | UNIVERSITY OF TEXAS, AUSTIN. CENTER FOR THE STUDY OF HUMAN RESOURCES. | |
| 2 955 | ED 049 383 | |
| 81 | Role of Texas' Secondary Schools in the Preparation of Manpower for Employment. | |
| | WALTON, HOLLIE B. | |
| 2 498 | | |
| 44 | Knowledge and Skills Needed by Employees in Agricultural Supply Businesses: A Cooperative and Author Analytic Study. | |
| | WISCONSIN, VIRGINIA F. | |
| 2 544 | ED 048 470 | |
| 48 | Pattern for Home Management Instruction in Area Vocational School Curricula. | |
| | WILSON, H. WALTER | |
| 0 912 | | |
| 8 | Development and Evaluation of Improved Electronics Troubleshooting Manual. | |
| | THURSTON, RONALD L. | |
| | VT 013 054 ED 049 395 | |
| 88 | Development of a Plan to Improve the Personalized Instruction Program at Vocational Village. Final Report. | |
| | TOWNE, DOUGLAS C., COMP. | |
| | VT 012 226 | |
| 27 | The Disadvantaged and Jobs. | |
| | TRENTON STATE COLL., N.J. DEPT. OF BUSINESS. | |
| | VT 012 337 | |
| 31 | Testing and Grading Practices and Opinions of Secondary Teachers in Business and Distributive Education. | |
| | ULLERY, J. WILLIAM | |
| | VT 012 705 ED 048 487 | |
| 62 | Testing of the Guidance Program. Project ABLE; Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. | |
| | VT 012 811 ED 048 492 | |
| 68 | Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School. Project ABLE, Final Report. | |
| | UNION CARBIDE CORP., OAK RIDGE, TENN. NUCLEAR DIV. | |
| | VT 012 675 | |
| 60 | Training and Technology: Annual Summary. | |
| | UNITED NATIONS EDUCATIONAL, SCIENTIFIC, AND CULTURAL ORGANIZATION, PARIS (FRANCE). | |
| | VT 008 440 ED 033 194 | |
| 4 | POLYTECHNICAL EDUCATION IN THE U.S.S.R. MONOGRAPHS ON EDUCATION-III. | |
| | UNITED NATIONS FOOD AND AGRICULTURE ORGANIZATION, ROME (ITALY). | |
| | VT 012 139 ED (SEE AUG '71 RIE) | |
| 23 | Annual Review of Selected Developments; Agricultural Education and Training. | |
| | UNIVERSITY OF THE PHILIPPINES, COLLEGE, LAGUNA. COLL. OF AGRICULTURE. | |
| | VT 012 793 ED 049 365 | |
| 67 | Summaries of Studies in Agricultural Education in the Philippines, 1930-1959. An Annotated Bibliography. | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| VT 012 795 ED 049 366 Summaries of Studies in Agricultural Education in the Philippines, 1960-1968. An Annotated Bibliography. | 67 | VOCATIONAL GUIDANCE SERVICE, HOUSTON, TEX. | |
| UTAH RESEARCH COORDINATING UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION, SALT LAKE CITY. | | VT 012 116 ED 048 446 | 21 |
| VT 012 035 | 17 | A Job Placement and Group Vocational Guidance Program for Culturally Deprived High School Youth. Phase I, | |
| Apprenticeship Survey. | | WAGE AND HOUR AND PUBLIC CONTRACTS DIVISION (DOL), WASHINGTON, D.C. | |
| VT 012 454 ED 048 464 | 40 | VT 012 348 ED 048 498 | 71 |
| A Determination of Selected Criteria to be Utilized in Locating and Establishing Area Vocational Education Schools in Utah. | | Working Children. A Report on Child Labor. | |
| VT 012 455 | 40 | WALKER, JAMES A. | |
| Evaluation of Summer Vocational Classes for High School Students at Utah Technical College at Provo and in Alpine, Nebo, and Provo School Districts 1964-1969. | | VT 012 130 | 22 |
| VT 012 817 ED 048 495 | 69 | A Survey of Physically and Mentally Handicapped Welfare Recipients Who Have Vocational Rehabilitation Potential. | |
| Project SUCCESS: Student Upward Challenges in Comprehensive Exemplary Secondary Schools, School Year 1969-70. Final Report. | | WALTHER, CHARLES C. | |
| VT 012 818 ED 048 496 | 69 | VT 012 311 | 30 |
| Project "Follow-Up." Interim Report. | | A Comparison of the Self Concept of Vocational and Technical Students. | |
| VT 012 865 ED 048 504 | 74 | WANEOS, S.J. | |
| Follow-Up of Selected MDTA Programs. | | VT 012 486 | 43 |
| VT 012 868 | 75 | A Chronology of Business Education in the United States. | |
| Potential Lifetime Earnings Based on Job Classifications and Formal Education. Final Report. | | WANG, VIRGINIA L. | |
| VT 012 870 ED 049 378 | 75 | VT 012 664 ED 048 483 | 59 |
| A Study of the Causes of Physical and Emotional Problems Encountered by Older Women Returning to Secretarial Employment After A Prolonged Absence. | | Rehabilitation Work with the Blind; Role of the Helping Professional in Creating a Family Team. | |
| VERA INST. OF JUSTICE, NEW YORK, N.Y. | | WARD, WILLIAM GARY | |
| VT 012 304 ED 048 458 | 30 | VT 012 515 | 46 |
| The Manhattan Court Employment Project. Summary Report on Phase One. | | Process Evaluation of Vocational Education. Review and Synthesis of Selected "Research in Education" Documents January 1, 1968 to August 31, 1970. | |
| VERMONT STATE ADVISORY COUNCIL FOR VOCATIONAL-TECHNICAL EDUCATION, MONTPELIER. | | WARDLE, NORVAL J. | |
| VT 012 737 | 66 | VT 012 570 | 51 |
| First Annual Report. | | Education for Safer Agriculture. | |
| VETTER, LOUISE | | WASHINGTON BUILDING AND CONSTRUCTION TRADES COUNCIL (AFL-CIO), WASHINGTON, D.C. | |
| VT 013 011 ED (SEE AUG '71 RIE) | 87 | VT 012 011 ED (SEE AUG '71 RIE) | 16 |
| Planning Ahead for the World of Work: Research Report Abstract, Teacher Manual, Student Materials, Transparency Masters. | | Project BUILD, A Manpower Demonstration Program: February, 1968-March, 1969. | |
| | | WASHINGTON STATE MANPOWER COORDINATING COMMITTEE, OLYMPIA. | |
| | | VT 012 272 | 29 |
| | | State of Washington Comprehensive Manpower Plan for Fiscal Year 1971. | |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|---|------|
| WASHINGTON UNIV., ST. LOUIS, MO. VT 012 127 ED 048 447 The Elasticity of Substitution of White for Nonwhite Labor. | 21 | WEST VIRGINIA UNIV., MORGANTOWN. COLL. OF HUMAN RESOURCES AND EDUCATION. VT 012 866 ED 048 505 Industrial Arts Teacher Education Fellowship Program in the Technologies, 1969-1970. | 74 |
| WANKESHA COUNTY TECHNICAL INST., WIS. VT 012 555 ED 048 472 Instructional Systems Study, Electronics Technology. | 49 | WEST VIRGINIA UNIV., MORGANTOWN. WEST VIRGINIA. CENTER FOR APPALACHIAN STUDIES AND DEVELOPMENT. VT 012 958 ED 049 384 Strengthening Labor's Role in the War on Poverty. | 8 |
| WAYNE STATE UNIV., DETROIT, MICH. DEPT. OF INDUSTRIAL EDUCATION. VT 011 472 The Implementation of Flexible Modular Scheduling for Industrial Education. | 9 | WESTLEY, WILLIAM A. VT 011 595 ED 048 437 Studies of Education and Work. | 11 |
| WEBER, LESTER C. VT 013 054 ED 049 395 Development of a Plan to Improve the Personalized Instruction Program at Vocational Village. Final Report. | 88 | WHYPP, DAVID A. VT 012 534 An Aviation Program--Getting it off the Ground. | 47 |
| WELLS, FRED G. VT 012 291 The American Telephone and Telegraph. | 29 | WILEMAN, FRED A., ED. VT 011 583 Guidelines for Discretion. Five Models for Local Law Enforcement Agencies. | 10 |
| WEST VIRGINIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HUNTINGTON. VT 012 651 ED 048 481 A Guide for the Development and Installation of Occupational Training Programs and Services for Disadvantaged and Handicapped Persons. | 58 | WILLOWBROOK HIGH SCHOOL, VILLA PARK, ILL. VT 012 114 Report of Sixth Vocational Guidance Systems Conference (Villa Park, Illinois, December 19-20, 1969). | 20 |
| WEST VIRGINIA STATE BOARD OF VOCATIONAL EDUCATION, CHARLESTON, DIV. OF VOCATIONAL REHABILITATION. VT 012 121 Coordinated Program of Vocational Rehabilitation and Special Education Services for the Mentally Retarded (Ohio County). | 21 | WISCONSIN STATE EMPLOYMENT SERVICE, MADISON. OCCUPATIONAL ANALYSIS FIELD CENTER. VT 012 640 Jobs in the Plastics Industry. Series 1100-6-70. | 56 |
| WEST VIRGINIA STATE DEPT. OF EDUCATION, CHARLESTON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION. VT 012 651 ED 048 481 A Guide for the Development and Installation of Occupational Training Programs and Services for Disadvantaged and Handicapped Persons. | 58 | WISCONSIN STATE UNIV., STEVENS POINT. OFFICE OF INSTITUTIONAL RESEARCH. VT 012 718 Preparation for Law Enforcement. | 63 |
| WEST VIRGINIA UNIV., MORGANTOWN. VT 012 665 ED 048 484 Education in a Technological Society. | 59 | WISCONSIN UNIV., MADISON. CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION. VT 013 051 ED (SEE AUG '71 RIE) Vocational Education: Today and Tomorrow. | 88 |
| | | WISCONSIN UNIV., MADISON. DISTRIBUTIVE EDUCATION OFFICE. VT 012 007 Implementation of Vocational Education in Distribution. | 15 |

PERSONAL AND INSTITUTIONAL AUTHOR INDEX

| | PAGE | | PAGE |
|--|------|--|------|
| WISCONSIN UNIV., MADISON. INST. FOR RESEARCH ON POVERTY. | | WYOMING STATE ADVISORY COUNCIL ON OCCUPATIONAL EDUCATION, CODY. | |
| VT 012 299 ED 048 456 | 30 | VT 012 495 | 44 |
| Urban Poverty and Labor Force Participation (and Comment). | | 1970 Evaluation Report on Wyoming Occupational Education. | |
| WISCONSIN UNIV., MADISON. INST. OF GOVERNMENTAL AFFAIRS. | | YAMM, BERNARD | |
| VT 011 583 | 10 | VT 012 366 ED 049 357 | 33 |
| Guidelines for Discretion. Five Models for Local Law Enforcement Agencies. | | New Careers for the Subprofessional. | |
| WOMEN'S BUREAU (DOL), WASHINGTON, D.C. | | YORK, EDWIN G., COMP. | |
| VT 011 111 ED (SEE AUG '71 RIF) | 8 | VT 012 810 ED 049 367 | 68 |
| Automation and Women Workers. | | A Compilation of Resource Lists for Vocational Educators: An Annotated Bibliography of Bibliographies in Vocational Education, 1960-1969. | |
| VT 011 139 ED (SEE AUG '71 RIF) | 8 | | |
| Jobfinding Techniques for Mature Women. | | YOUNG, JAMES J. | |
| VT 011 993 ED 048 438 | 15 | VT 012 585 ED 047 152 | 53 |
| Background Facts on Women Workers in the United States. | | FORMER SERVICEMEN OF THE ARMY MEDICAL DEPARTMENT; A PROFILE AND ASSESSMENT OF AN UNTAPPED RESOURCE OF ALLIED HEALTH MANPOWER. HEALTH CARE RESEARCH SERIES, NO. 14. | |
| VT 01 76 ED (SEE AUG '71 RIF) | 52 | | |
| Fact Sheet on the Earnings Gap. | | YWCA OF THE U.S.A., NEW YORK, N.Y. NATIONAL BOARD. | |
| WOC D. | | VT 012 205 | 25 |
| VT 0 352 ED 045 848 | 32 | Business Office Culture Project. | |
| COST-BENEFIT ANALYSIS AND THE ECONOMICS OF INVESTMENT IN HUMAN RESOURCES. AN ANNOTATED BIBLIOGRAPHY. | | ZELLER, FREDERICK A. | |
| WOODIN, RALPH J. | | VT 012 958 ED 049 384 | 81 |
| VT 011 916 | 13 | Strengthening Labor's Role in the War on Poverty. | |
| Agricultural Mechanics as Performed on Ohio Farms in Comparison with Offerings in Vocational Agriculture. | | ZORO, LAWRENCE J. | |
| VT 012 386 | 34 | VT 012 131 | 22 |
| Supply and Demand for Teachers of Vocational Agriculture in 1970. | | A Two Year Follow-Up of a Cooperative Vocational Rehabilitation Program at Metropolitan State Hospital. | |
| WORKPLACE STANDARDS ADMINISTRATION (DOL), WASHINGTON, D.C. WAGE AND HOUR DIV. | | | |
| VT 012 908 | 78 | | |
| The Law Against Age Discrimination in Employment. | | | |
| WROOT, RICHARD EVERATT | | | |
| VT 012 859 ED 049 377 | 73 | | |
| A Study of the Need for Pedagogical Training as Perceived by the Staff of the Alberta Institutes of Technology. | | | |
| WYOMING RESEARCH COORDINATING UNIT IN VOCATIONAL-TECHNICAL EDUCATION, CHEYENNE. | | | |
| VT 012 346 | 31 | | |
| The Development of a Procedure for Continuous Evaluation of the Green River High School Business Education Program. | | | |

CONVERSION OF DOCUMENT NUMBER INDEX¹VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS²

| | | | | | |
|------------|------------|------------|------------|------------|------------|
| VT 003 430 | ED 050 225 | VT 012 304 | ED 048 458 | VT 012 669 | ED 050 255 |
| VT 006 122 | ED 050 226 | VT 012 352 | ED 045 848 | VT 012 671 | ED 050 256 |
| VT 008 440 | ED 033 194 | VT 012 360 | ED 050 248 | VT 012 677 | ED 050 257 |
| VT 009 922 | ED 034 874 | VT 012 366 | ED 049 357 | VT 012 679 | ED 049 362 |
| VT 009 939 | ED 034 880 | VT 012 385 | ED 047 110 | VT 012 694 | ED 048 485 |
| VT 009 940 | ED 034 881 | VT 012 409 | ED 048 459 | VT 012 704 | ED 048 486 |
| VT 009 985 | ED 034 884 | VT 012 413 | ED 048 460 | VT 012 705 | ED 048 487 |
| VT 009 986 | ED 034 885 | VT 012 414 | ED 048 461 | VT 012 720 | ED 048 488 |
| VT 010 385 | ED 038 505 | VT 012 417 | ED 049 358 | VT 012 721 | ED 048 489 |
| VT 011 111 | ED 050 227 | VT 012 438 | ED 050 249 | VT 012 728 | ED 048 490 |
| VT 011 139 | ED 050 229 | VT 012 439 | ED 050 250 | VT 012 731 | ED 048 491 |
| VT 011 301 | ED 041 128 | VT 012 443 | ED 047 116 | VT 012 763 | ED 049 363 |
| VT 011 375 | ED 050 230 | VT 012 445 | ED 047 117 | VT 012 775 | ED 049 364 |
| VT 011 471 | ED 050 231 | VT 012 451 | ED 048 462 | VT 012 793 | ED 049 365 |
| VT 011 591 | ED 048 433 | VT 012 452 | ED 048 463 | VT 012 795 | ED 049 366 |
| VT 011 592 | ED 048 434 | VT 012 454 | ED 048 464 | VT 012 810 | ED 049 367 |
| VT 011 593 | ED 048 435 | VT 012 462 | ED 047 121 | VT 012 811 | ED 048 492 |
| VT 011 594 | ED 048 436 | VT 012 463 | ED 048 465 | VT 012 815 | ED 048 494 |
| VT 011 595 | ED 048 437 | VT 012 467 | ED 049 359 | VT 012 816 | ED 049 368 |
| VT 011 686 | ED 043 744 | VT 012 469 | ED 048 466 | VT 012 817 | ED 048 495 |
| VT 011 721 | ED 042 917 | VT 012 474 | ED 048 467 | VT 012 818 | ED 048 496 |
| VT 011 746 | ED 050 232 | VT 012 483 | ED 047 126 | VT 012 819 | ED 049 369 |
| VT 011 941 | ED 043 778 | VT 012 487 | ED 049 360 | VT 012 821 | ED 049 370 |
| VT 011 961 | ED 043 781 | VT 012 517 | ED 048 468 | VT 012 823 | ED 048 497 |
| VT 011 963 | ED 043 783 | VT 012 538 | ED 047 143 | VT 012 825 | ED 049 371 |
| VT 011 993 | ED 048 438 | VT 012 544 | ED 048 470 | VT 012 833 | ED 049 372 |
| VT 012 011 | ED 050 234 | VT 012 548 | ED 048 471 | VT 012 845 | ED 048 374 |
| VT 012 017 | ED 048 439 | VT 012 555 | ED 048 472 | VT 012 848 | ED 048 498 |
| VT 012 026 | ED 048 440 | VT 012 557 | ED 050 252 | VT 012 852 | ED 048 499 |
| VT 012 029 | ED 048 441 | VT 012 558 | ED 047 147 | VT 012 853 | ED 048 500 |
| VT 012 045 | ED 048 442 | VT 012 559 | ED 048 473 | VT 012 854 | ED 048 501 |
| VT 012 050 | ED 048 443 | VT 012 560 | ED 048 474 | VT 012 855 | ED 049 375 |
| VT 012 051 | ED 050 236 | VT 012 568 | ED 047 150 | VT 012 856 | ED 049 376 |
| VT 012 054 | ED 048 444 | VT 012 576 | ED 050 253 | VT 012 858 | ED 048 502 |
| VT 012 056 | ED 050 237 | VT 012 579 | ED 047 151 | VT 012 859 | ED 049 377 |
| VT 012 057 | ED 044 521 | VT 012 585 | ED 047 152 | VT 012 862 | ED 048 503 |
| VT 012 060 | ED 045 824 | VT 012 586 | ED 048 475 | VT 012 865 | ED 048 504 |
| VT 012 115 | ED 048 445 | VT 012 590 | ED 048 476 | VT 012 866 | ED 048 505 |
| VT 012 116 | ED 048 446 | VT 012 602 | ED 048 477 | VT 012 870 | ED 049 378 |
| VT 012 127 | ED 048 447 | VT 012 616 | ED 048 478 | VT 012 874 | ED 048 506 |
| VT 012 139 | ED 050 238 | VT 012 617 | ED 048 479 | VT 012 878 | ED 048 507 |
| VT 012 161 | ED 050 239 | VT 012 618 | ED 049 361 | VT 012 880 | ED 048 508 |
| VT 012 178 | ED 050 240 | VT 012 620 | ED 048 480 | VT 012 884 | ED 048 509 |
| VT 012 184 | ED 048 450 | VT 012 643 | ED 047 160 | VT 012 887 | ED 050 259 |
| VT 012 210 | ED 048 451 | VT 012 647 | ED 050 254 | VT 012 898 | ED 048 511 |
| VT 012 213 | ED 048 452 | VT 012 651 | ED 048 481 | VT 012 904 | ED 049 379 |
| VT 012 235 | ED 048 453 | VT 012 658 | ED 048 482 | VT 012 910 | ED 048 512 |
| VT 012 249 | ED 048 454 | VT 012 659 | ED 047 161 | VT 012 925 | ED 049 380 |
| VT 012 275 | ED 048 455 | VT 012 664 | ED 048 483 | VT 012 939 | ED 050 263 |
| VT 012 299 | ED 048 456 | VT 012 665 | ED 048 484 | VT 012 941 | ED 048 513 |

¹ This index is cumulated annually beginning with the Fall issue of ARM.

² A document with an MP number is available from EDRS by using the appropriate MP number.

CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

| | |
|------------|------------|
| VT 012 942 | ED 049 381 |
| VT 012 951 | ED 050 264 |
| VT 012 953 | ED 048 515 |
| VT 012 955 | ED 049 383 |
| VT 012 958 | ED 049 384 |
| VT 012 961 | ED 048 516 |
| VT 012 962 | ED 049 385 |
| VT 012 963 | ED 049 386 |
| VT 012 964 | ED 049 387 |
| VT 012 966 | ED 050 265 |
| VT 012 969 | ED 049 389 |
| VT 012 975 | ED 049 390 |
| VT 012 976 | ED 050 266 |
| VT 012 983 | ED 049 391 |
| VT 012 984 | ED 050 267 |
| VT 012 985 | ED 050 268 |
| VT 012 989 | ED 049 392 |
| VT 012 996 | ED 049 393 |
| VT 013 009 | ED 050 270 |
| VT 013 010 | ED 050 271 |
| VT 013 011 | ED 050 272 |
| VT 013 020 | ED 050 274 |
| VT 013 045 | ED 049 394 |
| VT 013 051 | ED 050 276 |
| VT 013 054 | ED 049 395 |

CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

| | | | | | |
|------------|------------|------------|------------|------------|------------|
| ED 033 194 | VT 008 440 | ED 048 463 | VT 012 452 | ED 049 362 | VT 012 679 |
| ED 034 874 | VT 009 922 | ED 048 464 | VT 012 454 | ED 049 363 | VT 012 763 |
| ED 034 880 | VT 009 939 | ED 048 465 | VT 012 463 | ED 049 364 | VT 012 77 |
| ED 034 881 | VT 009 940 | ED 048 466 | VT 012 467 | ED 049 365 | VT 012 793 |
| ED 034 884 | VT 009 985 | ED 048 467 | VT 012 474 | ED 049 366 | VT 012 795 |
| ED 034 885 | VT 009 986 | ED 048 468 | VT 012 517 | ED 049 367 | VT 01 810 |
| ED 038 505 | VT 010 385 | ED 048 470 | VT 012 544 | ED 049 368 | VT 012 816 |
| ED 041 128 | VT 011 301 | ED 048 471 | VT 012 548 | ED 049 369 | VT 012 819 |
| ED 042 917 | VT 011 721 | ED 048 472 | VT 012 555 | ED 049 370 | VT 012 821 |
| ED 043 744 | VT 011 686 | ED 048 473 | VT 012 559 | ED 049 371 | VT 012 825 |
| ED 043 778 | VT 011 941 | ED 048 474 | VT 012 560 | ED 049 372 | VT 012 833 |
| ED 043 781 | VT 011 961 | ED 048 475 | VT 012 586 | ED 049 374 | VT 012 845 |
| ED 043 783 | VT 011 963 | ED 048 476 | VT 012 590 | ED 049 375 | VT 012 855 |
| ED 044 521 | VT 012 057 | ED 048 477 | VT 012 602 | ED 049 376 | VT 012 856 |
| ED 045 824 | VT 012 060 | ED 048 478 | VT 012 616 | ED 049 377 | VT 012 859 |
| ED 045 848 | VT 012 352 | ED 048 479 | VT 012 620 | ED 049 378 | VT 012 870 |
| ED 047 110 | VT 012 385 | ED 048 480 | VT 012 651 | ED 049 379 | VT 012 904 |
| ED 047 116 | VT 012 443 | ED 048 481 | VT 012 658 | ED 049 380 | VT 012 925 |
| ED 047 117 | VT 012 445 | ED 048 482 | VT 012 664 | ED 049 381 | VT 012 942 |
| ED 047 121 | VT 012 462 | ED 048 483 | VT 012 665 | ED 049 383 | VT 012 955 |
| ED 047 126 | VT 012 483 | ED 048 484 | VT 012 694 | ED 049 384 | VT 012 958 |
| ED 047 143 | VT 012 538 | ED 048 485 | VT 012 704 | ED 049 385 | VT 012 962 |
| ED 047 147 | VT 012 558 | ED 048 486 | VT 012 705 | ED 049 386 | VT 012 963 |
| ED 047 150 | VT 012 568 | ED 048 487 | VT 012 720 | ED 049 387 | VT 012 964 |
| ED 047 151 | VT 012 579 | ED 048 488 | VT 012 721 | ED 049 389 | VT 012 969 |
| ED 047 152 | VT 012 585 | ED 048 489 | VT 012 728 | ED 049 390 | VT 012 975 |
| ED 047 160 | VT 012 643 | ED 048 490 | VT 012 731 | ED 049 391 | VT 012 983 |
| ED 047 161 | VT 012 659 | ED 048 491 | VT 012 811 | ED 049 392 | VT 012 989 |
| ED 048 433 | VT 011 591 | ED 048 492 | VT 012 815 | ED 049 393 | VT 012 996 |
| ED 048 434 | VT 011 592 | ED 048 494 | VT 012 817 | ED 049 394 | VT 013 045 |
| ED 048 435 | VT 011 593 | ED 048 495 | VT 012 818 | ED 049 395 | VT 013 054 |
| ED 048 436 | VT 011 594 | ED 048 496 | VT 012 823 | ED 050 225 | VT 003 430 |
| ED 048 437 | VT 011 595 | ED 048 497 | VT 012 848 | ED 050 226 | VT 006 122 |
| ED 048 438 | VT 011 993 | ED 048 498 | VT 012 852 | ED 050 227 | VT 011 111 |
| ED 048 439 | VT 012 017 | ED 048 499 | VT 012 853 | ED 050 229 | VT 011 139 |
| ED 048 440 | VT 012 026 | ED 048 500 | VT 012 854 | ED 050 230 | VT 011 375 |
| ED 048 441 | VT 012 029 | ED 048 501 | VT 012 858 | ED 050 231 | VT 011 471 |
| ED 048 442 | VT 012 045 | ED 048 502 | VT 012 862 | ED 050 232 | VT 011 746 |
| ED 048 443 | VT 012 050 | ED 048 503 | VT 012 865 | ED 050 234 | VT 012 011 |
| ED 048 444 | VT 012 054 | ED 048 504 | VT 012 866 | ED 050 236 | VT 012 051 |
| ED 048 445 | VT 012 115 | ED 048 505 | VT 012 874 | ED 050 237 | VT 012 056 |
| ED 048 446 | VT 012 116 | ED 048 506 | VT 012 878 | ED 050 238 | VT 012 139 |
| ED 048 447 | VT 012 127 | ED 048 507 | VT 012 880 | ED 050 239 | VT 012 161 |
| ED 048 450 | VT 012 184 | ED 048 508 | VT 012 884 | ED 050 240 | VT 012 178 |
| ED 048 451 | VT 012 210 | ED 048 509 | VT 012 898 | ED 050 248 | VT 012 360 |
| ED 048 452 | VT 012 213 | ED 048 511 | VT 012 910 | ED 050 249 | VT 012 438 |
| ED 048 453 | VT 012 235 | ED 048 512 | VT 012 901 | ED 050 250 | VT 012 439 |
| ED 048 454 | VT 012 249 | ED 048 513 | VT 012 953 | ED 050 252 | VT 012 557 |
| ED 048 455 | VT 012 275 | ED 048 515 | VT 012 961 | ED 050 253 | VT 012 576 |
| ED 048 456 | VT 012 299 | ED 048 516 | VT 012 961 | ED 050 254 | VT 012 647 |
| ED 048 457 | VT 012 304 | ED 048 517 | VT 012 961 | ED 050 255 | VT 012 669 |
| ED 048 459 | VT 012 409 | ED 048 518 | VT 012 961 | ED 050 256 | VT 012 671 |
| ED 048 460 | VT 012 413 | ED 048 519 | VT 012 961 | ED 050 257 | VT 012 677 |
| ED 048 461 | VT 012 414 | ED 048 520 | VT 012 961 | ED 050 259 | VT 012 887 |
| ED 048 462 | VT 012 451 | ED 048 521 | VT 012 961 | ED 050 263 | VT 012 939 |

CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

| | |
|------------|------------|
| ED 050 264 | VT 012 951 |
| ED 050 265 | VT 012 966 |
| ED 050 266 | VT 012 976 |
| ED 050 267 | VT 012 984 |
| ED 050 268 | VT 012 985 |
| ED 050 270 | VT 013 009 |
| ED 050 271 | VT 013 010 |
| ED 050 272 | VT 013 011 |
| ED 050 274 | VT 013 020 |
| ED 050 276 | VT 013 051 |

RESEARCH PROJECTS
IN PROGRESS

192

RESEARCH PROJECTS IN PROGRESS

Abstracts of current research projects are provided in cooperation with the Division of Vocational and Technical Education (BAYTE/USOE). These projects are underway in the states under provisions of Part C of Public Law 90-576 and are announced in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM) to facilitate communication between researchers, prevent unnecessary duplication of effort, and alert vocational-technical educators to new developments. Most of these projects will be reported, when completed, in the abstract section of subsequent issues of ARM.

Project titles are listed by state and designated with a VTP number. Author abstracts of projects are arranged by VTP number.

Project Titles

| | | |
|------------|--|---------|
| Alabama | A Study to Redefine the Management Organization of the Vocational Division of the Alabama State Department of Education, MacFarlane, Ian. | VTP 058 |
| Arkansas | The Development of Vocational Orientation Packets for Use by Teachers in the Elementary School, Turner, Delma. | VTP 034 |
| California | The Ventura County Manpower Projection Model, Lawson, William H.; Pierce, Ray. | VTP 059 |
| | Youth Guidance Systems, McDaniel, H.B., And Others. | VTP 055 |
| | Comparative Costs of Manpower Education: A Methodological Study, Oettinger, Martin P. | VTP 056 |
| | Work Experience Education Research for Accountability, Schroeder, Walter. | VTP 057 |
| | Effectiveness of Occupational Training for Disadvantaged and Handicapped Youth and Adults, Swanson, J. Chester. | VTP 061 |
| | An Experimental Research Project to Test a More Effective Means to Achieve Stated Work Experience Education Program Goals, Valladao, William P. | VTP 054 |
| | A Study of the VIEW System in California, Whitfield, Edwin A. | VTP 060 |
| Florida | Elementary Vocational Education Curriculum Project for the State of Florida, Heggen, James R.; Geil, John J. | VTP 042 |
| | A Project to Develop Learning Packets in Diversified Cooperative Training, Jaeschke, Donald P. | VTP 039 |
| | Information System for Exemplary Programs, McDuffie, B.J. | VTP 050 |
| | Information System for Exemplary Programs, Miller, Carl. | VTP 049 |
| | A Review of Literature to Identify Innovative Curricular Materials in Vocational Education and Development of Model Inventory of Research and Development Resources, Morgan, Robert. | VTP 041 |
| | Information System for Exemplary Programs, Partin, Charles. | VTP 051 |
| | Information System for Exemplary Programs, Upthegrove, Ernest. | VTP 052 |
| Indiana | Vocational Career Exploration and Preparation Swin, Edward. | VTP 038 |
| New Mexico | Simulation as a Feedback Mechanism in Training Engineering Draftsmen, Altus, David M. | VTP 068 |
| | Updating Occupational Needs Study for Vocational and Technical Education in Dona Ana County, Edington, Everett D. | VTP 066 |
| | A System for Evaluation of Vocational-Technical Education, Hale, James. | VTP 081 |
| | A Study of the Vocational Education of Handicapped Persons in Horticulture, Stevens, Alan B. | VTP 069 |

Project Titles

| | | |
|--------------|---|---------|
| New York | Occupational Education Leadership Training Program, Bowker, Albert H. | VTP 046 |
| | Research--Four Year Continuum Cooperative Education Programs, Bowker, Albert H. | VTP 063 |
| | Research--New Cooperative Programs with Area Mental Health Agencies for Training of Mental Health Workers, Milne, Dwight R., Jr. | VTP 064 |
| | Study of an Educational Program Involving Ex-Drug Addicts in Nassau County, Morgenstein, Melvin; Strongin, Harriet. | VTP 065 |
| Pennsylvania | Slides as a Visual Supplement to the Carpentry Curriculum, Bounds, Jesse S. | VTP 074 |
| | Practical Nursing Licensing Exam Achievement Relationship to Work Performance and Retention, Clugh, Raymond W. | VTP 078 |
| | Project GIVE (Guidance in Vocational Education): Elementary, Culp, William H. | VTP 077 |
| | Education in Agriculture for the Educationally Disadvantaged, Curtis, Samuel M. | VTP 070 |
| | An Educational Application of Queuing Theory, Davis, Frank S., Jr. | VTP 076 |
| | A Study to Determine the Effectiveness of the Laboratory Technician Program in Placing Students in this or any Related Para-Professional Health Field, Easley, Robert D. | VTP 071 |
| | Cooperative Program for Disadvantaged Youth, Hirschfeld, Marvin. | VTP 036 |
| | A Longitudinal Study of Vocational Development and Program Evaluation: Implications for Curriculum Planning and Vocational Guidance, Impellitteri, Joseph T. | VTP 080 |
| | An Assessment of the Adequacy of Vocational Technical and Industrial Education Programs in the Secondary Schools of Pennsylvania in Meeting Dropout Prone Students' Needs, Klingler, Robert D. | VTP 072 |
| | A Model Program to Improve the Classroom Instruction, Reading Ability and Utilization of Instructional Materials of Selected Vocational and Technical Students, Mahony, Joseph E.; Gerlick, John. | VTP 062 |
| | The Status of Future Business Leaders of America Chapter Activities in the State of Pennsylvania--1967-1970, Nagle, Alma Doris. | VTP 079 |
| | Supervised Independent Study Program, Ross, H. James. | VTP 073 |
| Wisconsin | Development and Preparation of a Chemical Technology Course Manual Volume I, Stewart, E. B., Jr. | VTP 075 |
| | Determination of Justification to Offer Preparatory Mathematics for Trade and Industry Vocational Students, Anderson, Ronald H. | VTP 044 |
| | Evaluative Study of Students in Developmental Math Course, Beede, Cecil W. | VTP 037 |
| | Research, Development, Implementation, and Evaluation of Differentiated Staffing for Vocational-Technical Education, Bordini, Dominic J.; Spanbauer, Stanley J. | VTP 053 |
| | Effectiveness of Current Training Programs for the Vocationally Handicapped in Wisconsin, Daum, Henry A., Jr., and Others. | VTP 047 |
| | Development of a Computer Based Simulated Accounting System, Franks, Robert. | VTP 045 |

Project Titles

| | |
|---|---------|
| The OVIS Survey in Student Recruitment, Hildebrand, David R., And Others. | VTP 040 |
| Health Occupations Research Study, Johnson, O.L. | VTP 048 |
| District 17--Mini-Research Grants, Selected Individuals. | VTP 035 |
| Student and Staff Evaluation of the Quarter System, Temte, William H. | VTP 043 |
| Summer Research for the Development of a Curriculum in Basic Communications Skills for the Educationally Disadvantaged or Special Interest Vocational Student, Radakovich, Dan, And Others. | VTP 067 |

Wyoming

VTP 034

TITLE: THE DEVELOPMENT OF VOCATIONAL ORIENTATION PACKETS FOR USE BY TEACHERS IN THE ELEMENTARY SCHOOL.

INVESTIGATOR: TURNER, DELMA
 INSTITUTION: ARKANSAS STATE DEPT. OF EDUCATION,
 LITTLE ROCK. DIV. OF VOCATIONAL, TECHNICAL AND ADULT
 EDUCATION
 ADMINISTERED BY: ARKANSAS STATE DEPT. OF EDUCATION,
 LITTLE ROCK. DIV. OF VOCATIONAL, TECHNICAL AND ADULT
 EDUCATION
 PROJECT DURATION: MAY 1, 1971 TO JUNE 30, 1972

OBJECTIVES: THE MAJOR OBJECTIVE OF THE PROJECT IS THE PREPARATION OF INSTRUCTIONAL PACKETS AIMED AT PROVIDING VOCATIONAL ORIENTATION FOR ELEMENTARY SCHOOL CHILDREN, GRADES ONE THROUGH SIX. THIS WILL INVOLVE ELEMENTARY SCHOOL PERSONNEL AND OTHER EDUCATIONAL SPECIALISTS WHO HAVE EXPERTISE AND EXPERIENCE IN THE PREPARATION AND USE OF VOCATIONAL ORIENTATION MATERIALS OR WHO ARE WILLING TO GIVE SPECIAL ATTENTION TO DEVELOPING AND TRYING OUT OF SUCH MATERIAL AS A BASIS FOR DEVELOPMENT OF INSTRUCTIONAL PACKETS FOR USE STATEWIDE. THE PROJECT WILL INVOLVE A WORKSHOP AND RELATED SEMINARS ON VOCATIONAL ORIENTATION FOR ELEMENTARY SCHOOL CHILDREN CONDUCTED UNDER THE DIRECTION OF THE DIVISION OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION. THE INSTRUCTIONAL PACKETS WILL BE DEVELOPED THROUGH WORKSHOP ACTIVITY. THE PARTICIPATING TEACHERS WILL SPEND A FOUR WEEK PERIOD WORKING TOGETHER AND IN SMALLER GROUPS ON DIFFERENT GRADE LEVELS TO DEVELOP THE ORIENTATION MATERIALS. AN EVALUATION INSTRUMENT WILL BE CONSTRUCTED OR SELECTED TO ATTEMPT TO ASCERTAIN GROWTH IN KNOWLEDGE OF OCCUPATIONS AND ATTITUDES TOWARD OCCUPATIONS OF STUDENTS AT VARIOUS GRADE LEVELS.

VTP 035

TITLE: DISTRICT 17--MINI-RESEARCH GRANTS.

INVESTIGATOR: SELECTED INDIVIDUALS
 INSTITUTION: AREA VOCATIONAL, TECHNICAL AND ADULT
 EDUCATION DISTRICT 17, SUPERIOR, WIS.
 ADMINISTERED BY: WISCONSIN STATE BOARD OF VOCATIONAL,
 TECHNICAL, AND ADULT EDUCATION, MADISON
 PROJECT DURATION: DECEMBER 1, 1970 TO JUNE/AUGUST 1971

OBJECTIVES: ONE OF THE RESPONSIBILITIES OF THE ADMINISTRATOR, RESEARCH AND PLANNING, IS TO ENCOURAGE AND PROMOTE RESEARCH AND PLANNING ACTIVITIES BY THE INSTRUCTIONAL STAFF AT THE LOCAL SCHOOL LEVEL. IT IS AT THIS LEVEL THAT THE RESEARCH ACTIVITIES WILL MOST DIRECTLY AFFECT THE STUDENTS INVOLVED. INDEED, IT IS THE OVERALL OBJECTIVE OF THESE ACTIVITIES TO IMPROVE THE QUALITY OF VOCATIONAL INSTRUCTION. ACCORDINGLY, AN INTERNAL MECHANISM HAS BEEN SET UP TO ENCOURAGE AND ADMINISTER LOCAL RESEARCH PROJECTS. THIS PROPOSAL CONTAINS A NUMBER OF SEPARATE PROJECTS WHICH HAVE BEEN SUBMITTED BY THE INSTRUCTORS TO THE DISTRICT 17 ADMINISTRATION FOR APPROVAL.

VTP 036

TITLE: COOPERATIVE PROGRAM FOR DISADVANTAGED YOUTH.

INVESTIGATOR: HIRSCHFELD, MARVIN
 INSTITUTION: TEMPLE UNIV., PHILADELPHIA, PA. DEPT. OF
 DISTRIBUTIVE EDUCATION
 ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF
 EDUCATION, HARRISBURG
 PROJECT DURATION: FEBRUARY 1971 TO JUNE 30, 1972

OBJECTIVES: THE OBJECTIVES OF THIS PROJECT ARE: (1) SURVEY EMPLOYMENT OPPORTUNITIES FOR UNEMPLOYED AND DISADVANTAGED YOUTH, (2) TO ESTABLISH TRAINING

STATIONS, CONSULTANT AND PLACEMENT SERVICES FOR THE YOUTH, (3) TO DEVELOP A RELEVANT PLAN OF TRAINING AND EDUCATION FOR EACH STUDENT TO QUALIFY HIM FOR JOB ENTRY AND ADVANCEMENT, AND (4) TO IDENTIFY, RECRUIT, AND TRAIN ADDITIONAL TEACHERS, COORDINATORS, AND SUPERVISORS NECESSARY TO CONTINUE THE PROGRAM. A STEERING AND ADVISORY COMMITTEE WILL GIVE ASSISTANCE TO THE INVESTIGATOR IN EMPLOYING A DIRECTOR AND A STAFF TO INITIATE THE SURVEY, ORGANIZE OPERATIONS, AND IMPLEMENT ACTIVITIES.

VTP 037

TITLE: EVALUATIVE STUDY OF STUDENTS IN DEVELOPMENTAL MATH COURSE.

INVESTIGATOR: BEEDE, CECIL W.
 INSTITUTION: DISTRICT ONE TECHNICAL INST., WIS.
 ADMINISTERED BY: WISCONSIN STATE BOARD OF
 VOCATIONAL, TECHNICAL, AND ADULT EDUCATION,
 MADISON
 PROJECT DURATION: SEPTEMBER 1970 TO ?

OBJECTIVES: DISTRICT ONE TECHNICAL INSTITUTE - EAU CLAIRE IS INTERESTED IN THOROUGHLY EVALUATING THE EFFECTIVENESS OF THE DEVELOPMENTAL MATH COURSE WHICH WAS MADE POSSIBLE THROUGH A GRANT FUNDED THROUGH PART B, DISADVANTAGED, OF THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 (CURRENT PROJECT NO. 01-001-71). IN SO DOING, IT IS HOPED THAT MEASURES OF INDIVIDUAL AND GROUP PROGRESS AS WELL AS STUDENT ATTITUDES TOWARD THIS COURSE MAY BE DETERMINED.

VTP 038

TITLE: VOCATIONAL CAREER EXPLORATION AND PREPARATION.

INVESTIGATOR: SWIN, EDWARD
 INSTITUTION: NORTH GIBSON SCHOOL CORP.,
 PRINCETON, IND.
 ADMINISTERED BY: INDIANA STATE DEPT. OF PUBLIC
 INSTRUCTION, INDIANAPOLIS
 PROJECT DURATION: 1970-1971

OBJECTIVES: THIS PROGRAM IS DESIGNED TO ASSIST DISADVANTAGED AND HANDICAPPED STUDENTS TO IMPROVE SOCIALLY AND ECONOMICALLY BY ASSISTING THEM IN THEIR CURRENT WORK AND GIVING THEM REMEDIAL ASSISTANCE. OBJECTIVES ARE: (1) TO PROVIDE THE INDIVIDUAL STUDENT THE OPPORTUNITY TO LEARN AT LEVELS AND SPEEDS ACCORDING TO HIS ABILITIES, (2) TO PROVIDE AN ENVIRONMENT CONDUCTIVE TO LEARNING FOR EACH STUDENT, (3) TO KEEP THE STUDENT IN THE MAIN STREAM OF EDUCATION, (4) TO AID THE STUDENT IN MAINTAINING HIS SELF-RESPECT, ENTHUSIASM, AND WILLINGNESS TO WORK, (5) TO DECREASE THE NUMBER OF DROP-OUTS, (6) TO PROVIDE INFORMATION AND TRAINING SUCH THAT THE STUDENT MAY MAKE A MORE LOGICAL CHOICE OF HIS LIFE'S WORK, (7) TO PERMIT THE STUDENT TO EXPLORE HIS ABILITIES, ABILITIES, AND PERSONAL PREFERENCE FOR "THE WORLD OF WORK," AND (8) TO HELP MAKE EACH STUDENT A RESPONSIBLE, PRODUCTIVE CITIZEN, WORKING IN AN OCCUPATION THAT HE ENJOYS. PROCEDURES: PERSONNEL WILL BE PROVIDED TO AID THE STUDENT DURING HIS INDIVIDUAL STUDY TIME (FLEXIBLE SCHEDULING) AND OPEN LABORATORY TIME AND TO AID THE STUDENT IN REMEDIAL ACTIVITIES. AN EVALUATION PROGRAM WILL BE ESTABLISHED TO IMPROVE THE PROCEDURES IN THE FOLLOWING YEARS.

VTP 039

TITLE: A PROJECT TO DEVELOP LEARNING PACKETS IN DIVERSIFIED COOPERATIVE TRAINING.

INVESTIGATOR: JAESCHKE, DONALD P.
INSTITUTION: UNIVERSITY OF SOUTH FLORIDA, TAMPA
ADMINISTERED BY: FLORIDA VOCATIONAL PROGRAMS RESEARCH
COORDINATING UNIT, TALLAHASSEE
PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THE PURPOSE OF THIS CURRICULUM PROJECT IS TO DEVELOP FIVE STUDENT-CENTERED LEARNING PACKETS TO ASSIST DIVERSIFIED COOPERATIVE TRAINING COORDINATORS IN THE IMPLEMENTATION OF IDENTIFIED INSTRUCTIONAL GOALS FOR OCCUPATIONAL RELATED AREAS. METHODOLOGY: EIGHT INSTRUCTIONAL GOALS WERE IDENTIFIED. FROM THESE, THE FIVE MOST CRITICAL WILL BE SELECTED FOR DEVELOPMENT OF OBJECTIVES. LEARNING PACKETS WILL BE DEVELOPED FROM OBJECTIVES IDENTIFIED IN THE FIVE GOALS. PACKET WRITERS WILL BE SELECTED AND INVITED TO PARTICIPATE IN THE DEVELOPMENT DURING THE SUMMER OF 1971. UPON COMPLETION, LEARNING PACKETS WILL BE FIELD TESTED, REVISED, AND DISSEMINATED THROUGHOUT THE STATE.

VTP 040

TITLE: THE OVIS SURVEY IN STUDENT RECRUITMENT.

INVESTIGATOR: HILDEBRAND, DAVID R., AND OTHERS
INSTITUTION: AREA VTAE DISTRICT 17, SUPERIOR, WIS.
ADMINISTERED BY: WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON
PROJECT DURATION: SPRING 1971 TO FALL 1973

OBJECTIVES: THIS PROJECT PROPOSES THE UTILIZATION OF THE OVIS SURVEY, THE OHIO VOCATIONAL INTEREST SURVEY, AS A TOOL IN STUDENT RECRUITMENT IN WISCONSIN. IT IS FELT THAT THE OVIS SURVEY WOULD PROVIDE MUCH VALUABLE INFORMATION TO FACILITATE THE RECRUITING PROCESS. THE OVIS SURVEY WOULD (1) PINPOINT THOSE STUDENTS WHO ARE VOCATIONALLY ORIENTED AND WHO ARE INTERESTED IN A VOCATIONAL EDUCATION, (2) PROVIDE VALUABLE INFORMATION FOR THE PROPER COUNSELING OF STUDENTS, (3) THROUGH THE PROVISION OF THIS SERVICE DEVELOP BETTER COOPERATION BETWEEN THE HIGH SCHOOL AND THE VOCATIONAL SCHOOL, AND (4) PROVIDE VALUABLE INFORMATION FOR CURRICULUM PLANNING. FOUR HIGH SCHOOLS IN DISTRICT 17 WOULD BE SELECTED AND THE OVIS SURVEY ADMINISTERED TO BOTH SOPHOMORES AND SENIORS OVER A PERIOD OF SEVERAL YEARS. THE EVALUATION OF THIS SURVEY INSTRUMENT IN DISTRICT 17 IS THE OBJECTIVE OF THIS PROPOSAL.

VTP 041

TITLE: A REVIEW OF LITERATURE TO IDENTIFY INNOVATIVE CURRICULAR MATERIALS IN VOCATIONAL EDUCATION AND DEVELOPMENT OF A MODEL INVENTORY OF RESEARCH AND DEVELOPMENT RESOURCES.

INVESTIGATOR: MORGAN, ROBERT
INSTITUTION: FLORIDA STATE UNIV., TALLAHASSEE
ADMINISTERED BY: FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION
PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: MAJOR PURPOSES OF THE PROJECT ARE TO: (1) SEARCH THE LITERATURE FOR TESTED INNOVATIVE CURRICULAR MATERIALS APPROPRIATE FOR THE FLORIDA EXEMPLARY PROGRAM, AND (2) DEVELOP A SYSTEMATIC INVENTORY OF HUMAN AND MATERIALS RESEARCH AND DEVELOPMENT RESOURCES. METHODOLOGY: TO ACCOMPLISH THE FIRST OBJECTIVE A COMPLETE SEARCH OF ALL ERIC DOCUMENTS WILL BE MADE. FROM THESE A LISTING OF INNOVATIVE CURRICULAR MATERIALS IN OCCUPATIONAL AREAS

WILL BE PREPARED, COPIES OF THE MATERIALS SECURED AND SENT TO THE FOUR EXEMPLARY CENTERS. TO ACHIEVE THE SECOND OBJECTIVE, A COMPLETE LISTING OF ALL DISTRICT PERSONNEL RESPONSIBLE FOR RESEARCH AND DEVELOPMENT ACTIVITIES WILL BE PREPARED, AND ABSTRACTS OF ALL PERTINENT THESES AND DISSERTATIONS WILL BE PREPARED. AN ORGANIZED SYSTEM FOR CONTINUATION OF UP-DATING THE RESEARCH AND DEVELOPMENT INFORMATION WILL BE DESIGNED.

VTP 042

TITLE: ELEMENTARY VOCATIONAL EDUCATION CURRICULUM PROJECT FOR THE STATE OF FLORIDA.

INVESTIGATOR: HEGGEN, JAMES R.; GEIL, JOHN J.
INSTITUTION: FLORIDA STATE UNIV., TALLAHASSEE
ADMINISTERED BY: FLORIDA VOCATIONAL PROGRAMS RESEARCH COORDINATING UNIT, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION
PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THE MAJOR OBJECTIVES OF THE PROJECT ARE: (1) DEVELOPMENT OF LEARNER-ORIENTED OCCUPATIONAL MATERIALS THAT MEET THE NEEDS OF TODAY'S YOUTH IN A RAPIDLY CHANGING TECHNOLOGICAL AGE; (2) IDENTIFICATION OF A RELEVANT RATIONALE AND CONTENT STRUCTURE TO GUIDE THE DEVELOPMENT OF INSTRUCTIONAL MODELS, INCLUDING PROGRAM FACILITIES AND TEACHER COMPETENCIES; (3) DEVELOPMENT OF A SEQUENTIAL FOUNDATION STRUCTURE FOR A K-5 PROGRAM AS PART OF THE COMPREHENSIVE VOCATIONAL CURRICULUM K-14; (4) DEVELOPMENT OF TEACHING TECHNIQUES AND METHODS TO PROVIDE A RELEVANT AWARENESS TO THE WORLD OF WORK FOR ELEMENTARY STUDENTS; AND (5) DESIGN POTENTIAL PILOT PROGRAMS WHICH MAY BE IMPLEMENTED WITH A MINIMUM OF COST AND TRAINING. METHODOLOGY: THE FIRST SIX MONTHS WILL BE SPENT RESEARCHING, DEVELOPING, AND FIELD TESTING LEARNER-ORIENTED OCCUPATIONAL MATERIALS (LOOMS). AS LOOMS ARE EVALUATED, THEY WILL BE REVISED AND FIELD TESTED AGAIN. IT IS ANTICIPATED THAT 60 LOOMS WILL BE DEVELOPED AND THAT SUMMER WORKSHOPS FOR ORIENTING ELEMENTARY TEACHERS TO THE USE OF THESE LOOMS WILL BE COMPILED.

VTP 043

TITLE: STUDENT AND STAFF EVALUATION OF THE QUARTER SYSTEM.

INVESTIGATOR: TEMTE, WILLIAM H.
INSTITUTION: WESTERN WISCONSIN TECHNICAL INST., LA CROSSE, WIS.
ADMINISTERED BY: WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON
PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THIS STUDY WILL BE TO PROVIDE DATA FOR EVALUATING THE EFFECTS ON THE STUDENTS AND STAFF AT WESTERN WISCONSIN TECHNICAL INSTITUTE ON THE TRANSFER FROM THE SEMESTER SYSTEM TO THE QUARTER SYSTEM. SECOND-YEAR STUDENTS WHO HAVE STUDIED UNDER BOTH SYSTEMS AND STAFF MEMBERS, INCLUDING CUSTODIAL, CLERICAL, INSTRUCTIONAL, AND ADMINISTRATIVE PERSONNEL, WILL PARTICIPATE IN THIS STUDY. TWO REPORTS WILL BE MADE. THE FIRST WILL BE A STUDENT EVALUATION REPORT. THE SECOND WILL BE THE STAFF REPORT WHICH WILL INCLUDE BASIC DATA SIMILAR TO THE STUDENT REPORT AS WELL AS A NARRATIVE CRITIQUE.

VTP 044

TITLE: DETERMINATION OF JUSTIFICATION TO OFFER PREPARATORY MATHEMATICS FOR TRADE AND INDUSTRY VOCATIONAL STUDENTS.

INVESTIGATOR: ANDERSON, RONALD H.
INSTITUTION: SOUTHWEST WISCONSIN VOCATIONAL-TECHNICAL SCHOOL, FENNIMORE, WIS.
ADMINISTERED BY: WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON
PROJECT DURATION: JANUARY 10, 1971 TO JUNE 30, 1971

OBJECTIVES: A SUBSTANTIAL DEFICIENCY PRESENTLY EXISTS CONCERNING BACKGROUND KNOWLEDGE IN GENERAL MATHEMATICS OF CERTAIN STUDENTS ENROLLED IN THE TRADE AND INDUSTRY APPLIED MATHEMATICS COURSES. THIS PROJECT PROPOSES TO IDENTIFY THESE DEFICIENCIES AND DETERMINE THE NEED FOR SPECIFIC CONTENT OF POSSIBLE PREPARATORY MATHEMATICS OFFERINGS WHICH WILL ALLOW SATISFACTORY STUDENT MATRICULATION IN THE APPLIED MATHEMATICS COURSES.

VTP 045

TITLE: DEVELOPMENT OF A COMPUTER BASED SIMULATED ACCOUNTING SYSTEM.

INVESTIGATOR: FRANKS, ROBERT
INSTITUTION: WESTERN WISCONSIN TECHNICAL INST., LA CROSSE, WIS.
ADMINISTERED BY: WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON
PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THE OBJECT OF THIS PROGRAM IS TO DEVELOP DATA PROCESSING TECHNIQUES ADAPTED TO A SIMULATED ACCOUNTING SYSTEM. THIS PROJECT INVOLVES INTEGRATING ACCOUNTING SYSTEMS WITH DATA PROCESSING. A BURROUGH'S THIRD GENERATION MODEL "2500" SYSTEM WILL BE UTILIZED IN DEVELOPING THIS SYSTEM. A COMPLETE ACCUMULATION, RECORDING, UPDATING, AND ANALYZING OF FINANCIAL DATA WILL BE ACCOMPLISHED. THIS SYSTEM IS INTENDED TO BE OPEN-ENDED, I.E., THE PROGRAM WILL BE DESIGNED TO INCLUDE A RETAIL MERCHANDISE BUSINESS AS WELL AS MANUFACTURING CONCERN. THE REPORTING SYSTEM WILL BE COMPLETE WITH A BUDGET UTILIZING STANDARD COST ACCOUNTING PRINCIPLES.

VTP 046

TITLE: OCCUPATIONAL EDUCATION LEADERSHIP TRAINING PROGRAM.

INVESTIGATOR: BOWKER, ALBERT H.
INSTITUTION: CITY UNIV. OF NEW YORK RESEARCH FOUNDATION, N.Y.
ADMINISTERED BY: NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH
PROJECT DURATION: FEBRUARY 1, 1971 TO JUNE 30, 1971

OBJECTIVES: THE PURPOSE OF THIS PROJECT IS TO PROVIDE AN OCCUPATIONAL EDUCATION LEADERSHIP TRAINING PROGRAM FOR SUPERVISORS AND POLICY PLANNERS IN SCHOOL SYSTEMS, INSTITUTIONS OF HIGHER EDUCATION, OCCUPATIONAL ORGANIZATIONS, AND PUBLIC AGENCIES IN THE STATE OF NEW YORK.

VTP 047

TITLE: EFFECTIVENESS OF CURRENT TRAINING PROGRAMS FOR THE VOCATIONALLY HANDICAPPED IN WISCONSIN.

INVESTIGATOR: DAUM, HENRY A., JR., AND OTHERS
INSTITUTION: DEVELOPMENTAL BEHAVIOR ASSOCIATES, N. WIS.

ADMINISTERED BY: WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON

PROJECT DURATION: JANUARY 1, 1971 TO JUNE 30, 1971

OBJECTIVES: THE MAJOR THRUST OF THIS PROPOSED STUDY IS TO DETERMINE THE VALIDITY OF CURRENT TRAINING PROGRAMS FOR VOCATIONALLY HANDICAPPED IN WISCONSIN. IT IS CONCERNED WITH THE RELATIONSHIP BETWEEN TRAINING PROGRAM CONTENT AND SUBSEQUENT JOB REQUIREMENTS. THE VOCATIONALLY DISABLED WILL BE IDENTIFIED AND USED TO OBTAIN INFORMATION ABOUT THE VALIDITY OF TRAINING PROGRAMS. ALSO, SURVEYS OF TEACHERS, STUDENTS, AND EMPLOYERS WILL BE USED TO DETERMINE PROGRAM EFFECTIVENESS.

VTP 048

TITLE: HEALTH OCCUPATIONS RESEARCH STUDY.

INVESTIGATOR: JOHNSON, O.L.
INSTITUTION: BLACKHAWK VOCATIONAL-TECHNICAL SCHOOL, JANESVILLE, WIS.
ADMINISTERED BY: WISCONSIN STATE BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON
PROJECT DURATION: DECEMBER 1, 1970 TO JUNE 30, 1971

OBJECTIVES: BLACKHAWK TECH IS INITIATING PLANS FOR NEW PROGRAMS IN THE HEALTH OCCUPATIONS. TO EFFECTIVELY PLAN FOR THESE, THE ADVISORY COMMITTEE HAS RECOMMENDED AN INTERVIEW STUDY BE MADE OF THE PRESENT HEALTH OCCUPATIONS IN THIS AREA. THE RESULTS WILL BE USED TO PLAN PROGRAMS AND FACILITIES FOR HEALTH OCCUPATIONS EDUCATION. THE SPECIFIC OBJECTIVES ARE TO: (1) ANALYZE CURRENT EMPLOYMENT IN HEALTH AND RELATED OCCUPATIONS; (2) ANALYZE FUTURE PREDICTIONS FOR EMPLOYMENT IN HEALTH OCCUPATIONS; (3) IDENTIFY NEW OR DEVELOPING HEALTH OCCUPATIONS IN OUR AREA; AND (4) RELATE EMPLOYMENT DATA TO SUPPLEMENTAL DATA SUCH AS HOSPITAL BEDS, PATIENTS, AND SERVICE AREAS.

VTP 049

TITLE: INFORMATION SYSTEM FOR EXEMPLARY PROGRAMS.

INVESTIGATOR: MILLER, CARL
INSTITUTION: HILLSBOROUGH COUNTY BOARD OF PUBLIC INSTRUCTION, TAMPA, FLA.
ADMINISTERED BY: FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION
PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THE MAJOR PURPOSE OF THIS PROPOSAL IS TO ESTABLISH AN INFORMATION CENTER WHICH PROVIDES ACCESS TO ERIC MATERIALS IN THE FOUR SCHOOLS WHICH ARE PARTICIPANTS IN THE FLORIDA EXEMPLARY PROGRAM ENTITLED, "AN EXEMPLARY MODEL FOR A TOTAL ECOLOGICAL APPROACH TO NON-GRADED VOCATIONAL PROGRAMS IN SEPARATE CENTERS." SUBMISSION OF MATERIALS TO ERIC WILL PROVIDE A SYSTEM FOR DISSEMINATION OF INFORMATION AND MATERIAL DEVELOPED IN FLORIDA. PROCEDURE: PRIOR TO ESTABLISHMENT OF THE CENTER, A STAFF OR FACULTY MEMBER WILL BE ASSIGNED RESPONSIBILITY FOR OPERATION AND MAINTENANCE OF THE EQUIPMENT. PLACEMENT OF THE EQUIPMENT WILL PROVIDE FACULTY AND STAFF A READING STUDY AREA, AND SUFFICIENT SPACE FOR STORAGE OF EQUIPMENT AND MATERIALS.

VTP 050

TITLE: INFORMATION SYSTEM FOR EXEMPLARY PROGRAMS.

INVESTIGATOR: MCDUFFIE, B.J.
 INSTITUTION: DUVAL COUNTY BOARD OF PUBLIC INSTRUCTION,
 JACKSONVILLE, FLA.
 ADMINISTERED BY: FLORIDA STATE DEPT. OF EDUCATION,
 TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT
 EDUCATION
 PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THE MAJOR PURPOSE OF THIS PROPOSAL IS TO
 ESTABLISH AN INFORMATION CENTER WHICH PROVIDES ACCESS
 TO ERIC MATERIALS IN THE FOUR SCHOOLS WHICH ARE
 PARTICIPANTS IN THE FLORIDA EXEMPLARY PROGRAM ENTITLED,
 "AN EXEMPLARY MODEL FOR A TOTAL ECOLOGICAL APPROACH TO
 NON-GRADED VOCATIONAL PROGRAMS IN SEPARATE CENTERS."
 SUBMISSION OF MATERIALS TO ERIC WILL PROVIDE A SYSTEM
 FOR DISSEMINATION OF INFORMATION AND MATERIAL
 DEVELOPED IN FLORIDA. PROCEDURE: PRIOR TO
 ESTABLISHMENT OF THE CENTER, A STAFF OR FACULTY MEMBER
 WILL BE ASSIGNED RESPONSIBILITY FOR OPERATION AND
 MAINTENANCE OF THE EQUIPMENT. PLACEMENT OF THE
 EQUIPMENT WILL PROVIDE FACULTY AND STAFF A READING
 STUDY AREA, AND SUFFICIENT SPACE FOR STORAGE OF
 EQUIPMENT AND MATERIALS.

VTP 051

TITLE: INFORMATION SYSTEM FOR EXEMPLARY PROGRAMS.

INVESTIGATOR: PARTIN, CHARLES
 INSTITUTION: ESCAMBA BOARD OF PUBLIC INSTRUCTION,
 PRASACOLA, FLA.
 ADMINISTERED BY: FLORIDA STATE DEPT. OF EDUCATION,
 TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT
 EDUCATION
 PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THE MAJOR PURPOSE OF THIS PROPOSAL IS TO
 ESTABLISH AN INFORMATION CENTER WHICH PROVIDES ACCESS
 TO ERIC MATERIALS IN THE FOUR SCHOOLS WHICH ARE
 PARTICIPANTS IN THE FLORIDA EXEMPLARY PROGRAM ENTITLED,
 "AN EXEMPLARY MODEL FOR A TOTAL ECOLOGICAL APPROACH TO
 NON-GRADED VOCATIONAL PROGRAMS IN SEPARATE CENTERS."
 SUBMISSION OF MATERIALS TO ERIC WILL PROVIDE A SYSTEM
 FOR DISSEMINATION OF INFORMATION AND MATERIAL
 DEVELOPED IN FLORIDA. PROCEDURE: PRIOR TO
 ESTABLISHMENT OF THE CENTER, A STAFF OR FACULTY MEMBER
 WILL BE ASSIGNED RESPONSIBILITY FOR OPERATION AND
 MAINTENANCE OF THE EQUIPMENT. PLACEMENT OF THE
 EQUIPMENT WILL PROVIDE FACULTY AND STAFF A READING
 STUDY AREA, AND SUFFICIENT SPACE FOR STORAGE OF
 EQUIPMENT AND MATERIALS.

VTP 052

TITLE: INFORMATION SYSTEM FOR EXEMPLARY PROGRAMS.

INVESTIGATOR: UPTEGROVE, ERNEST
 INSTITUTION: DADE COUNTY BOARD OF PUBLIC INSTRUCTION,
 MIAMI, FLA.
 ADMINISTERED BY: FLORIDA STATE DEPT. OF EDUCATION,
 TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT
 EDUCATION
 PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THE MAJOR PURPOSE OF THIS PROPOSAL IS TO
 ESTABLISH AN INFORMATION CENTER WHICH PROVIDES ACCESS
 TO ERIC MATERIALS IN THE FOUR SCHOOLS WHICH ARE
 PARTICIPANTS IN THE FLORIDA EXEMPLARY PROGRAM ENTITLED,
 "AN EXEMPLARY MODEL FOR A TOTAL ECOLOGICAL APPROACH TO
 NON-GRADED VOCATIONAL PROGRAMS IN SEPARATE CENTERS."
 SUBMISSION OF MATERIALS TO ERIC WILL PROVIDE A SYSTEM
 FOR DISSEMINATION OF INFORMATION AND MATERIAL

DEVELOPED IN FLORIDA. PROCEDURE: PRIOR TO
 ESTABLISHMENT OF THE CENTER, A STAFF OR FACULTY
 MEMBER WILL BE ASSIGNED RESPONSIBILITY FOR
 OPERATION AND MAINTENANCE OF THE EQUIPMENT.
 PLACEMENT OF THE EQUIPMENT WILL PROVIDE FACULTY
 AND STAFF A READING STUDY AREA, AND SUFFICIENT
 SPACE FOR STORAGE OF EQUIPMENT AND MATERIALS.

VTP 053

TITLE: RESEARCH, DEVELOPMENT, IMPLEMENTATION, AND
EVALUATION OF DIFFERENTIATED STAFFING FOR VOCATIONAL-
TECHNICAL EDUCATION.

INVESTIGATOR: BORDINI, DOMINIC J.; SPANBAUER,
 STANLEY J.
 INSTITUTION: FOX VALLEY TECHNICAL INST., NEENAH,
 WIS.
 ADMINISTERED BY: WISCONSIN STATE BOARD OF
 VOCATIONAL, TECHNICAL, AND ADULT EDUCATION, MADISON
 PROJECT DURATION: JANUARY 1, 1971 TO DECEMBER 31,
 1974

OBJECTIVES: THE CENTRAL OBJECTIVES OF THIS
 PROPOSAL ARE THE DEVELOPMENT OF A MODEL OF
 DIFFERENTIATED STAFFING FOR UTILIZATION IN A POST-
 SECONDARY VOCATIONAL-TECHNICAL INSTITUTION. THE
 SPECIFIC OBJECTIVES INCLUDE: (1) RESEARCH OF
 EXISTING STAFFING PATTERNS; (2) THE DEVELOPMENT OF
 OBJECTIVES FOR A STAFFING PATTERN FOR VOCATIONAL-
 TECHNICAL EDUCATION; (3) THE DEVELOPMENT OF
 SPECIFIC OBJECTIVES FOR THE IMPLEMENTATION OF THE
 PROGRAM; (4) THE DEVELOPMENT OF A MANAGEMENT
 STRATEGY; (5) THE DEVELOPMENT OF INDIVIDUALIZED
 INSTRUCTIONAL PACKAGES; (6) THE DEVELOPMENT OF AN
 EFFECTIVE DISSEMINATION SYSTEM; (7) THE DEVELOPMENT
 OF A MODEL FOR THE IMPLEMENTATION OF A DIFFERENTIATED
 STAFFING PATTERN IN AN EXISTING EDUCATIONAL
 STRUCTURE. THE PROCEDURE WILL BE THE PROCESS OF
 ACCOMPLISHING EACH OF THESE OBJECTIVES.

VTP 054

TITLE: AN EXPERIMENTAL RESEARCH PROJECT TO TEST A
MORE EFFECTIVE MEANS TO ACHIEVE STATED WORK
EXPERIENCE EDUCATION PROGRAM GOALS.

INVESTIGATOR: VALLADAO, WILLIAM P.
 INSTITUTION: SAN JOAQUIN COUNTY SUPERINTENDENT OF
 SCHOOLS, STOCKTON, CALIF.
 ADMINISTERED BY: CALIFORNIA STATE DEPT. OF
 EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION
 SERVICES
 PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: TWO DISTINCT, BUT RELATED PROBLEMS,
 SERVE TO RELATE THE LEVEL OF ACHIEVEMENT OF
 VOCATIONAL GOALS USING A WORK EXPERIENCE EDUCATION
 PROGRAM. FIRST, BARRIERS EXIST TO THE CONTINUED
 EXPANSION OF BOTH THE TYPE AND COMPLEX OF REALISTIC
 WORK EXPERIENCES TO WHICH STUDENTS CAN BE MADE
 SUBJECT USING THIS PROGRAM APPROACH. SECONDLY,
 MANY STUDENTS WHO CAN BE VOCATIONALLY PREPARED
 SUCCESSFULLY USING THIS PROGRAM APPROACH ARE
 EXCLUDED FROM WORK STATION PLACEMENT; HENCE,
 EXPOSURE TO OCCUPATIONAL EXPERIENCE EITHER
 AVAILABLE OR OF A PROJECTED TYPE IS DENIED THEM.
 THIS SOLUTION APPROACH, TO BE INVESTIGATED,
 EXPLOITS THE NEWEST TECHNIQUES TO REDUCE THE HIGH
 LEVEL(S) OF DEMANDED SKILL ARISING FROM THE NEED
 TO COMPREHEND AND RETAIN COMPLEX PROCEDURAL STEPS
 IN CONNECTION WITH JOB PERFORMANCE. THE METHOD
 USED WILL CONSIST OF PREPARING A VALIDATED AND
 APPROPRIATE PROCEDURALIZED INSTRUCTION FOR USE BY
 STUDENTS ON-THE-JOB TO GUIDE IN ACHIEVING ASPECTS

OF REQUIRED PERFORMANCE NOT COVERED BY RELATED SCHOOL INSTRUCTION RECEIVED BY THE STUDENT. THE PROCEDURALIZED INSTRUCTIONS, TOGETHER WITH RELATED INSTRUCTION, WILL ENABLE THE STUDENT TO PERFORM COMPLEX PROCEDURAL TASKS WHICH CURRENTLY IMPOSE A HIGH LEVEL OF EXPERIENCE DEMANDED FOR ADEQUATE PERFORMANCE. EVALUATION OF THE TECHNIQUE PROPOSAL WILL CONSIST OF MEASURING THE EFFECTIVENESS OF STUDENT WORK STATIONS BEFORE AND AFTER THE INTRODUCTION OF PROCEDURALIZED INSTRUCTIONS AT 12 SELECTED JOB WORK STATIONS.

VTP 055

TITLE: YOUTH GUIDANCE SYSTEMS.

INVESTIGATOR: MCDANIEL, H.B., AND OTHERS
INSTITUTION: COLLEGE ENTRANCE EXAMINATION BOARD, PALO ALTO, CALIF.
ADMINISTERED BY: CALIFORNIA COORDINATING UNIT FOR OCCUPATIONAL RESEARCH AND DEVELOPMENT, SACRAMENTO
PROJECT DURATION: MAY 1, 1971 TO JUNE 1, 1973

OBJECTIVES: THE PURPOSE OF THIS PROJECT IS TO FURTHER DEVELOP AND TEST A MODEL GUIDANCE SYSTEM FOR SECONDARY SCHOOLS IN CALIFORNIA ESTABLISHING INFORMED VOCATIONAL-EDUCATIONAL DECISION MAKING BY STUDENTS AS THE MAJOR GOAL OF THE PROGRAM AND TO DELINEATE THE KINDS OF COOPERATIVE ACTIONS REQUIRED TO ESTABLISH THIS IMPORTANT EDUCATIONAL CHANGE IN THE SCHOOLS. FIVE REPRESENTATIVE PILOT SCHOOLS WILL PARTICIPATE IN THE PROGRAM FOR TWO YEARS. IN EACH SCHOOL, GUIDANCE COMMITTEES REPRESENTING TEACHERS, PARENTS, STUDENTS, BUSINESS REPRESENTATIVES AND SPECIALISTS WILL BE ESTABLISHED; SIX OR MORE GROUP GUIDANCE UNITS WILL BE CONDUCTED AT EACH GRADE LEVEL; ONE CRITICAL INNOVATIVE ACTIVITY, THE ADMINISTRATION AND INTERPRETATION OF RECENTLY TESTED STUDENT CHARACTERISTICS APPRAISAL INSTRUMENTS AND ARTICULATED MATERIALS WHICH TEACH DECISION MAKING WILL BE EMPLOYED; EVALUATION TECHNIQUES FOR ASSESSING BOTH PROCESS AND PRODUCT WILL BE DEVELOPED. THE SCHOOLS WILL BE PROVIDED NECESSARY CONSULTANT SERVICES. AN ACTIVE STATE-WIDE LIAISON COMMITTEE REPRESENTING ADMINISTRATORS, VOCATIONAL EDUCATION SPECIALISTS, AND COUNSELORS WILL BE MAINTAINED TO ENSURE BOTH COMMUNICATION AND SUPPORT FROM THESE GROUPS. THE PROJECT DIRECTOR AND SUPERVISING CONSULTANTS WILL MAINTAIN CONTINUED LEADERSHIP AND COMMUNICATION BY FREQUENT SCHOOL VISITS.

VTP 056

TITLE: COMPARATIVE COSTS OF MANPOWER EDUCATION: A METHODOLOGICAL STUDY.

INVESTIGATOR: OETTINGER, MARTIN P.
INSTITUTION: CALIFORNIA UNIV., DAVIS. DEPT. OF ECONOMICS
ADMINISTERED BY: CALIFORNIA COORDINATING UNIT FOR OCCUPATIONAL RESEARCH AND DEVELOPMENT, SACRAMENTO
PROJECT DURATION: APRIL 1, 1971 TO SEPTEMBER 30, 1971

OBJECTIVES: DUE TO THE LACK OF A CONCEPTUAL FRAMEWORK, THERE HAS BEEN LITTLE EVALUATION OF ONE MANPOWER EDUCATIONAL PROGRAM WITH ANOTHER. A METHODOLOGICAL MODEL FOR SUCH COMPARISONS IS THE OBJECTIVE OF THIS RESEARCH PROJECT. DATA FROM TRAINING PROGRAMS FOR AIRCRAFT MECHANICS WILL BE USED TO SHOW THE RELATIONSHIPS TO BE COMPARED, AND FOR TESTING THE METHODOLOGY WHEN THE MODEL IS DEVELOPED. THESE PROGRAMS WILL COME FROM THE NAVY, PRIVATE SCHOOLS, PUBLIC SCHOOLS, AND INDUSTRY. A VECTOR OF CHARACTERISTICS FOR EACH PROGRAM WILL BE CONSTRUCTED RATING THE SKILLS WHICH ARE THE OBJECTIVE OF THE PROGRAM. EMPLOYERS WILL BE INTERVIEWED TO

DETERMINE A SHADOW PRICE FOR EACH ELEMENT IN THE VECTOR. THE RESULTING PRICE VECTOR WILL BE USED AS WEIGHTS FOR THE VECTOR OF CHARACTERISTICS. THE COST PER TRAINEE FOR EACH PROGRAM WILL BE ASSOCIATED WITH HIS VECTOR OF CHARACTERISTICS, AND IT WILL BE DETERMINED WHICH ELEMENTS IN THE VECTOR HAVE THE MOST INFLUENCE ON COST. THE OPTIMAL PROGRAM WILL THEN BE DETERMINED ON THE BASIS OF CHARACTERISTICS, WEIGHTS, AND COST. A NONSTATISTICAL EVALUATION WILL BE MADE TO DETERMINE HOW THE COMPONENTS OF AN EDUCATIONAL PROGRAM COMPARE WITH THE CHARACTERISTICS DEMANDED BY EMPLOYERS. THE PURPOSE OF SUCH A MODEL IS: (1) TO PROVIDE A RELATIVE MEASURE OF PERFORMANCE FOR A PROGRAM; (2) TO DETERMINE WHERE PROGRAM CHANGES ARE APPROPRIATE. SUCH EVALUATION SHOULD LEAD TO AN EXCHANGE OF INFORMATION AND IDEAS WHICH WOULD RESULT IN IMPROVING VOCATIONAL EDUCATION.

VTP 057

TITLE: WORK EXPERIENCE EDUCATION RESEARCH FOR ACCOUNTABILITY.

INVESTIGATOR: SCHROEDER, WALTER
INSTITUTION: CALIFORNIA STATE POLYTECHNIC COLL., SAN LUIS OBISPO
ADMINISTERED BY: CALIFORNIA COORDINATING UNIT FOR OCCUPATIONAL RESEARCH AND DEVELOPMENT, SACRAMENTO
PROJECT DURATION: JULY 1, 1971 TO JUNE 30, 1972

OBJECTIVES: THE INTRODUCTORY PASSAGES OF THE NEW PUBLICATION WORK EXPERIENCE EDUCATION GUIDE FOR VOCATIONAL EDUCATION SECTION PERSONNEL, THE CALIFORNIA STATE CONSULTANT FOR WORK EXPERIENCE EDUCATION INDICATES THAT THERE IS MUCH CONFUSION ON WHAT WORK EXPERIENCE EDUCATION SHOULD BE ACCOMPLISHING. SOME INDIVIDUALS CONFUSE "WORK EXPERIENCE" AND "WORK EXPERIENCE EDUCATION" AND MANY COORDINATORS HAVE BEEN OPERATING PROGRAMS WITHOUT CLEARLY DEFINED GOALS AND OBJECTIVES. THE DOCUMENT GOALS, PROGRAM OBJECTIVES, PERFORMANCE OBJECTIVES AND EVALUATIVE CRITERIA FOR STUDENTS ENROLLED IN CALIFORNIA STATE PROGRAMS OF WORK EXPERIENCE EDUCATION IS AN ATTEMPT TO DISCOVER WHAT THESE GOALS AND OBJECTIVES MIGHT BE. THE PREFACE OF THIS PUBLICATION INDICATES THAT THE DOCUMENT IS INCOMPLETE AND THE MATERIAL HAS NOT BEEN TESTED IN THE CLASSROOM. THIS PROJECT IS DESIGNED TO PERFECT THE GOALS AND OBJECTIVES DEVELOPED BY THE CALIFORNIA STATE DEPARTMENT OF EDUCATION, PROVIDE INSTRUMENTS TO MEASURE THE OBJECTIVES, DEVELOP LEARNING ACTIVITIES FOR STUDENTS, AND FIELD TEST THE RESULTS BY APPLYING THESE GOALS, OBJECTIVES, AND ACTIVITIES TO STUDENTS IN ACTUAL ON-GOING WORK EXPERIENCE EDUCATION PROGRAMS. BEFORE THE 1971-72 SCHOOL YEAR COMMENCES, THE CALIFORNIA STATE POLYTECHNIC COLLEGE WILL HAVE THE GOALS, OBJECTIVES AND STUDENT ACTIVITIES DEVELOPED, AND WILL HAVE CONTACTED SIX (6) HIGH SCHOOLS FOR EVALUATION. AN ON-GOING EVALUATION OF THE EFFICIENCY AND EFFECTIVENESS OF THE PROJECT WILL BE UNDERTAKEN.

VTP 058

TITLE: A STUDY TO REDEFINE THE MANAGEMENT ORGANIZATION OF THE MANAGEMENT ORGANIZATION OF THE VOCATIONAL DIVISION OF THE ALABAMA STATE DEPARTMENT OF EDUCATION

INVESTIGATOR: MACFARLANE, IAN
INSTITUTION: FRY CONSULTANTS, INC., ATLANTA, GA.
ADMINISTERED BY: ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY

PROJECT DURATION: MARCH 30, 1971 TO MAY 15, 1971.

OBJECTIVES: THE STUDY IS TO RE-DEFINE THE SCOPE OF THE ORGANIZATION OF THE VOCATIONAL DIVISION OF THE ALABAMA STATE DEPARTMENT OF EDUCATION. FRY CONSULTANTS INCORPORATED PROPOSES HEREIN TO CONDUCT AN ORGANIZATION PLANNING REVIEW OF THE VOCATIONAL DIVISION OF THE ALABAMA STATE DEPARTMENT OF EDUCATION, AND SUBMIT BY MAY 15, 1971, A RECOMMENDED PLAN OF ORGANIZATION INCLUDING A REVISED ORGANIZATIONAL CHART.

VTP 059

TITLE: THE VENTURA COUNTY MANPOWER PROJECTION MODEL.

INVESTIGATOR: LAWSON, WILLIAM H.; PIERCE, RAY
INSTITUTION: VENTURA COUNTY SUPERINTENDENT OF SCHOOLS, CALIF.

ADMINISTERED BY: CALIFORNIA COORDINATING UNIT FOR OCCUPATIONAL RESEARCH AND DEVELOPMENT, SACRAMENTO
PROJECT DURATION: MARCH 1, 1971 TO JUNE 30, 1972

OBJECTIVES: THIS IS A COOPERATIVE COUNTY SUPERINTENDENT OF SCHOOLS/COMMUNITY COLLEGE PROJECT, DESIGNED TO IDENTIFY AND DEVELOP A SHORT-TERM MANPOWER PROJECTION MODEL FOR THE VENTURA COUNTY STANDARD METROPOLITAN STATISTICAL AREA (SMSA) AND ITS ADJACENT LABOR MARKET AREAS. THIS DESCRIPTION INCLUDES ONLY PHASE I OF THE PROJECT. PHASE I IS ESSENTIALLY THE DESIGN OF THE MANPOWER PROJECTION MODEL AND ITS INITIAL FIELD TEST DEVELOPMENT. THE PHASE II EFFORTS WILL BE DIRECTED TOWARDS THE FURTHER EXPANSION OF THE MODEL AND ITS PRELIMINARY IMPLEMENTATION. THE RESEARCH INVOLVED IN THIS PROJECT WILL DETERMINE THE BEST PROJECTION TECHNIQUES TO USE FOR OBTAINING OCCUPATIONAL EMPLOYMENT DATA. THE EVALUATION COMPONENTS FOR THIS PROJECT WILL INCLUDE THE DESIGN OF AN EVALUATION SYSTEM FOR PHASE I THROUGH JUNE 30, 1972 AND WILL INCLUDE COMPARISON OF PROJECTED OCCUPATIONAL EMPLOYMENT NEEDS WITH ACTUAL EMPLOYER SURVEYS, STATE-WIDE ADVISORY COMMITTEE REVIEWS, AND AN INDEPENDENT EVALUATION CONSULTANT REPORT. THE MOST IMPORTANT EVALUATION FOR PHASE I WILL OCCUR AT THE END OF PHASE II BY JUNE 30, 1973, WHEN THE OCCUPATIONAL PROJECTIONS MADE IN PHASE I WILL BE COMPARED WITH THE ACTUAL OCCUPATIONAL EMPLOYMENT DATA AVAILABLE AT THAT TIME.

VTP 060

TITLE: A STUDY OF THE VIEW SYSTEM IN CALIFORNIA.

INVESTIGATOR: WHITFIELD, EDWIN A.
INSTITUTION: SAN DIEGO COUNTY DEPT. OF EDUCATION, CALIF.

ADMINISTERED BY: CALIFORNIA COORDINATING UNIT FOR OCCUPATIONAL RESEARCH AND DEVELOPMENT, SACRAMENTO
PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: PROJECT VIEW, SINCE ITS INCEPTION IN SAN DIEGO IN 1965, HAS EXPERIENCED A BROAD GROWTH BOTH WITHIN CALIFORNIA AND THROUGHOUT THE NATION. THIS GROWTH OF VIEW, HOWEVER, HAS BEEN SUCH THAT NO STANDARDIZATION OR UNIFORM PROCEDURE HAS BEEN DEVELOPED TO MAKE VIEW A MOST EFFICIENT, LESS EXPENSIVE SYSTEM BY AVOIDING THE DUPLICATION OF EFFORT AND MATERIALS NOW TAKING PLACE. THIS PROPOSAL, TO BE COORDINATED THROUGH THE DEPARTMENT OF EDUCATION, SAN DIEGO COUNTY, IS A JOINT EFFORT OF THE TEN VIEW CENTERS NOW OPERATING WITHIN CALIFORNIA. A CONTRACTOR WILL BE EMPLOYED TO PERFORM THE FOLLOWING: (1) TO IDENTIFY AND ANALYZE THE COMMON ELEMENTS AND THE DIFFERENCES FOUND IN THE OPERATION OF THE VARIOUS CALIFORNIA VIEW PROGRAMS THROUGH SAMPLING VIEW ACTIVITIES IN SCHOOLS SERVED BY THESE VIEW CENTERS; (2) TO DETERMINE AND DESCRIBE THE PRACTICES WHICH

ENHANCE OR INHIBIT THE MOST EFFECTIVE UTILIZATION OF VIEW IN THE SCHOOL SETTING; (3) TO DETERMINE THE MOST EFFICIENT AND ECONOMICAL METHOD FOR THE PRODUCTION, DISSEMINATION, AND UTILIZATION OF VIEW MATERIALS AS A GUIDANCE TOOL IN THE STATE; AND (4) TO DEVELOP A MODEL VIEW SYSTEM BASED UPON FINDINGS OBTAINED PERTAINING TO THE BEST PRODUCTION, DISSEMINATION, AND UTILIZATION TECHNIQUES. THIS PROJECT IS PRIMARILY AN EVALUATION PROJECT AND THE VARIOUS VIEW ACTIVITIES THROUGHOUT THE STATE WILL BE INCLUDED IN THIS SURVEY AND THE REPORT OF THE FINDINGS.

VTP 061

TITLE: EFFECTIVENESS OF OCCUPATIONAL TRAINING FOR DISADVANTAGED AND HANDICAPPED YOUTH AND ADULTS.

INVESTIGATOR: SWANSON, J. CHESTER
INSTITUTION: NAPA COUNTY SUPERINTENDENT OF SCHOOLS, CALIF.

ADMINISTERED BY: CALIFORNIA COORDINATING UNIT FOR OCCUPATIONAL RESEARCH AND DEVELOPMENT, SACRAMENTO
PROJECT DURATION: APRIL 1, 1971 TO MARCH 31, 1972

OBJECTIVES: A NUMBER OF AGENCIES HAVE SOME FORM OF OCCUPATIONAL TRAINING PROGRAMS FOR THE HANDICAPPED AND DISADVANTAGED. THIS PROJECT CALLS FOR \$23,466 TO DETERMINE WHAT EACH AGENCY IS NOW DOING, WHAT IT COSTS TO DO IT, WHAT NEEDS ARE NOW BEING MET EFFECTIVELY, WHICH COULD BE MET MORE EFFECTIVELY, AND WHICH OCCUPATIONAL NEEDS OF THIS GROUP NOT NOW BEING MET, SHOULD BE. EVALUATION OF THE PROJECT WILL INCLUDE THE EVALUATION BY THE NAPA COUNTY ADVISORY BOARDS FOR THE HANDICAPPED AND FOR THE DISADVANTAGED, BOTH DURING THE OPERATION AND TERMINAL STATES. EVALUATION OF THE FINAL RESULTS WILL BE MADE ON AN EVALUATION FORM PROVIDED ALONG WITH THE RESULTS TO INTERESTED AGENCIES. AFTER REVIEW BY THESE ADVISORY BOARDS AND THE STAFF OF THE COUNTY SUPERINTENDENT'S OFFICE, THE CONSULTANT WILL FINALIZE THE OPERATIONAL EVALUATION ACTIVITIES. THE DATA DEVELOPED FROM THE OPERATIONAL EVALUATION ACTIVITIES WILL BE ANALYZED BY VALID RESEARCH METHODS AND THE RESULTS ORGANIZED TO JUSTIFY CONCLUSIONS AND RECOMMENDATIONS.

VTP 062

TITLE: A MODEL PROGRAM TO IMPROVE THE CLASSROOM INSTRUCTION, READING ABILITY AND UTILIZATION OF INSTRUCTIONAL MATERIALS OF SELECTED VOCATIONAL AND TECHNICAL STUDENTS.

INVESTIGATOR: MAHONY, JOSEPH E.; GARLICK, JOHN
INSTITUTION: PARKWAY WEST AREA TECHNICAL SCHOOL, OAKDALE, PA.

ADMINISTERED BY: PITTSBURGH UNIV., PA.
PROJECT DURATION: MARCH 1, 1971 TO JUNE 30, 1972

OBJECTIVES: THIS PROPOSAL IS INTENDED AS A MODEL PROGRAM TO INTEGRATE READING INTO THE PROCESS BY WHICH VOCATIONAL TECHNICAL SUBJECTS ARE TAUGHT. THE MODEL EMPLOYS A THREE PRONGED ATTACK. FIRST, THE READING MATERIALS USED BY STUDENTS IN SPECIFIC VOCATIONAL TECHNICAL AREAS WILL BE CAREFULLY ANALYZED. SECOND, TEACHERS WILL BE GIVEN IN-SERVICE TRAINING WHICH WILL EMPHASIZE TECHNIQUES BY WHICH READING SKILLS CAN BE INTEGRATED INTO THE VOCATIONAL TECHNICAL TEACHING PROCESS. THIRD, A STUDY SKILLS CENTER WILL BE DEVELOPED TO AID STUDENTS IN THE READING OF THEIR CONTENT MATERIAL AND INCREASE THEIR USAGE OF STUDY SKILLS.

VTP 063

TITLE: RESEARCH--FOUR YEAR CONTINUUM COOPERATIVE EDUCATION PROGRAMS.

INVESTIGATOR: BOWKER, ALBERT H.
INSTITUTION: NEW YORK CITY BOARD OF EDUCATION,
BROOKLYN, N.Y.; CITY UNIV. OF NEW YORK, N.Y.
ADMINISTERED BY: NEW YORK STATE EDUCATION DEPT.,
ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH
PROJECT DURATION: OCTOBER 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THE OBJECTIVE OF THIS PROPOSAL IS TO DEVELOP A JOINT VENTURE TO INVESTIGATE THE FEASIBILITY OF A FOUR-YEAR CONTINUUM IN COOPERATIVE EDUCATION. STUDENTS WHO ARE ENROLLED IN THE HIGH SCHOOL COOPERATIVE PROGRAM WOULD, UPON GRADUATION FROM HIGH SCHOOL, ENROLL IN A COMMUNITY COLLEGE OFFERING A COMPATIBLE VOCATIONAL PROGRAM FOR THE NEXT TWO YEARS. A STUDENT WOULD BE ASSIGNED TO THE SAME COOPERATIVE EMPLOYER FOR THE ENTIRE FOUR YEARS OF THE CONTINUUM. ADMINISTRATORS OF THE CITY UNIVERSITY OF NEW YORK AND THE CITY BOARD OF EDUCATION WILL DIRECT THE PROJECT AND STUDY PROGRAMS TO DEVELOP THE MECHANISMS FOR PROGRAM IMPLEMENTATION. A STEERING COMMITTEE COMPOSED OF ALL INTERESTED PARTIES WILL BE FORMED TO INSURE THE ATTAINMENT OF MUTUAL GOALS. COOPERATING EMPLOYERS WOULD BE CONTACTED TO FACILITATE THE JOB-DEVELOPMENT ASPECTS OF THE PROGRAM.

VTP 064

TITLE: RESEARCH--NEW COOPERATIVE PROGRAMS WITH AREA MENTAL HEALTH AGENCIES FOR TRAINING OF MENTAL HEALTH WORKERS.

INVESTIGATOR: MILNE, DWIGHT R., JR.
INSTITUTION: NORTH COUNTRY COMMUNITY COLL., SARANAC LAKE, N.Y.
ADMINISTERED BY: NEW YORK STATE EDUCATION DEPT.,
ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH
PROJECT DURATION: JANUARY 1, 1971 TO JUNE 30, 1971

OBJECTIVES: THE PURPOSE OF THIS PROPOSAL IS TO FORMULATE, AND IMPLEMENT AN ASSOCIATE DEGREE PROGRAM FOR TRAINING MENTAL HEALTH WORKERS AT THE PARAPROFESSIONAL LEVEL. THROUGH THE COOPERATION AND ADVICE OF THE VARIOUS MENTAL HEALTH AGENCIES, AN ATTEMPT WILL BE MADE TO SET UP THE NECESSARY ARRANGEMENTS FOR PLACES TO TRAIN AND EMPLOY STUDENTS IN THE FIELD. THROUGH THE USE OF QUESTIONNAIRE, ATTEMPTS WILL BE MADE TO ASCERTAIN IN MORE DETAIL THE INTEREST OF AREA WORKERS IN MENTAL HEALTH IN ADDITION TO SURVEYING HIGH SCHOOLS FOR STUDENT INTERESTS. WHILE THE STUDY IS BEING COMPLETED, AN ADVISORY COMMITTEE WILL BE MAKING FINAL APPROVAL OF THE CURRICULUM IN THE COMMUNITY COLLEGE.

VTP 065

TITLE: STUDY OF AN EDUCATIONAL PROGRAM INVOLVING EX-DRUG ADDICTS IN NASSAU COUNTY.

INVESTIGATOR: MORGENSTEIN, MELVIN; STRONGIN, HARRIET
INSTITUTION: NASSAU COMMUNITY COLL., LONG ISLAND, N.Y.
ADMINISTERED BY: NEW YORK STATE EDUCATION DEPT.,
ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH
PROJECT DURATION: JULY 1, 1970 TO JUNE 30, 1971

OBJECTIVES: THIS PROPOSAL DEALS WITH A LONG-RANGE STUDY TO PROVIDE MEANINGFUL INFORMATION TO OTHER DRUG THERAPEUTIC COMMUNITIES AND REHABILITATION CENTERS. IN ADDITION, THE STUDY WILL INVESTIGATE THE DRUG FACTORS INVOLVED IN THE EVALUATION UNIT OF THE NASSAU COUNTY DRUG ABUSE AND ADDICTION COMMISSION. THE

EDUCATIONAL PROGRAM CONSIDERS VOCATIONAL, PROFESSIONAL, AND CULTURAL ASPIRATIONS AS WELL AS CAPABILITIES AND ACHIEVEMENTS OF THE RESIDENTS AND CONTAINS PLANS FOR SPECIFIC EMPLOYMENT PREPARATION. THE PROGRAM WILL INVOLVE THE DEVELOPMENT OF APPROPRIATE PROMOTIONAL MATERIALS, EFFECTIVE ADVERTISING CAMPAIGNS, AND LIAISON WITH KEY SEGMENTS OF THE BUSINESS COMMUNITY. MORE DEFINITIVE PROCEDURES WILL BE DEVELOPED FOR THE INITIATION AND IMPLEMENTATION OF TRAINING PROGRAMS.

VTP 066

TITLE: UPDATING OCCUPATIONAL NEEDS STUDY FOR VOCATIONAL AND TECHNICAL EDUCATION IN DONA ANA COUNTY.

INVESTIGATOR: EDINGTON, EVERETT D.
INSTITUTION: NEW MEXICO STATE UNIV., LAS CRUCES
ADMINISTERED BY: NEW MEXICO OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT, SANTA FE
PROJECT DURATION: FEBRUARY 1971 TO JULY 1971

OBJECTIVES: THE OBJECTIVES OF THE PROJECT ARE: (1) DETERMINE THE VOCATIONAL AND TECHNICAL EDUCATION NEEDS FOR DONA ANA COUNTY, AND (2) DETERMINE THE STEPS NECESSARY FOR IMPLEMENTATION OF AN AREA TECHNICAL VOCATIONAL SCHOOL IN THE COUNTY. METHODOLOGY: THE FIRST PHASE OF THE PROJECT WILL BE TO REVIEW ALL VOCATIONAL AND TECHNICAL EDUCATION PROGRAMS AT THE THREE SCHOOL DISTRICTS IN THE COUNTY AND AT NEW MEXICO STATE UNIVERSITY. AN OCCUPATIONAL SURVEY OF THE BUSINESS AND INDUSTRIES IN THE COUNTY WILL COMPRISE THE SECOND PHASE.

VTP 067

TITLE: SUMMER RESEARCH FOR THE DEVELOPMENT OF A CURRICULUM IN BASIC COMMUNICATIONS SKILLS FOR THE EDUCATIONALLY DISADVANTAGED OR SPECIAL INTEREST VOCATIONAL STUDENT.

INVESTIGATOR: RADAKOVICH, DAN, AND OTHERS
INSTITUTION: WESTERN WYOMING COLL., ROCK SPRINGS, WYO.
ADMINISTERED BY: WYOMING STATE DEPT. OF EDUCATION, CHEYENNE
PROJECT DURATION: JULY 1971 TO AUGUST 1971

OBJECTIVES: THE OBJECTIVES OF THIS PROJECT ARE: (1) TO REVIEW TEXTS AND OTHER MATERIALS FROM VARIOUS SOURCES THAT MIGHT BE OF VALUE IN PREPARING A COMMUNICATIONS SKILLS COURSE FOR THE EDUCATIONALLY DISADVANTAGED OR SPECIAL INTEREST VOCATIONAL STUDENT; (2) TO EVALUATE AND SELECT ITEMS FROM THESE SOURCES TO PROVIDE NECESSARY COMMUNICATIONS SKILLS THAT WILL MEET THE NEEDS OF THE EDUCATIONALLY DISADVANTAGED OR SPECIAL INTEREST VOCATIONAL STUDENT; (3) TO PREPARE A DETAILED SYLLABUS FOR A COMMUNICATION SKILLS COURSE OFFERING SUGGESTIONS IN MATERIALS, METHOD, AND TECHNIQUE IN AREAS OF READING, WRITING, SPEAKING, AND LISTENING; AND (4) TO PREPARE A WORKBOOK FOR PRACTICAL TECHNICAL AND RELATED WRITING FOR VOCATIONAL STUDENTS TO SERVE AS THE CORE OF A COURSE IN PRACTICAL WRITING FOR INDUSTRIAL TRADES.

VTP 068

TITLE: SIMULATION AS A FEEDBACK MECHANISM IN TRAINING ENGINEERING DRAFTSMEN.

INVESTIGATOR: ALTUS, DAVID M.

INSTITUTION: NEW MEXICO STATE UNIV., LAS CRUCES
ADMINISTERED BY: NEW MEXICO OCCUPATIONAL RESEARCH AND
DEVELOPMENT COORDINATING UNIT, SANTA FE
PROJECT DURATION: JANUARY 1971 TO JUNE 1971

OBJECTIVES: THIS STUDY SEEKS TO EMPLOY SIMULATION AS A TECHNIQUE FOR SENSITIZING THE STUDENT TO POTENTIAL PROBLEMS HIS DECISIONS CONCERNING THE LOCATION OF CRITICAL COMPONENTS MAY PRODUCE FOR THOSE WHO MUST USE THE FINISHED DRAWING. THE STUDY INCLUDES: (1) THE PROVISION OF FIVE PROBLEM SITUATIONS IN MECHANICAL DETAILING, AND FIVE PROBLEM SITUATIONS IN ELECTRONICS DRAFTING AND DESIGN; (2) THE PREPARATION OF FEEDBACK MATERIALS FOR EACH OF THE TEN STIMULUS SITUATIONS; AND (3) THE FIELD TRIAL OF THESE MATERIALS UNDER EXPERIMENTAL CONDITIONS USING STUDENTS ENROLLED IN DRAFTING CLASSES IN THE ENGINEERING TECHNOLOGY DEPARTMENT AT NEW MEXICO STATE UNIVERSITY DURING THE SPRING TERM OF 1971. DATA WILL BE ANALYZED USING THE TWO-FACTOR ANALYSIS OF VARIANCE WITH REPEATED MEASURES ON ONE FACTOR.

VTP 069

TITLE: A STUDY OF THE VOCATIONAL EDUCATION OF HANDICAPPED PERSONS IN HORTICULTURE.

INVESTIGATOR: STEVENS, ALAN B.
INSTITUTION: NEW MEXICO STATE UNIV., LAS CRUCES
ADMINISTERED BY: NEW MEXICO OCCUPATIONAL RESEARCH AND
DEVELOPMENT COORDINATING UNIT, SANTA FE
PROJECT DURATION: FEBRUARY 1971 TO AUGUST 1971

OBJECTIVES: THE OBJECTIVES ARE: (1) TO DEVELOP HORTICULTURAL TEACHING TECHNIQUES WHICH CAN BE UTILIZED TO TEACH HANDICAPPED PERSONS, AND (2) TO EVALUATE THESE TECHNIQUES AS EFFECTIVE TOOLS FOR PREPARING THE HANDICAPPED FOR EMPLOYMENT IN HORTICULTURAL OCCUPATIONS. METHODOLOGY: INDIVIDUAL CASE STUDIES WILL BE UTILIZED IN CONDUCTING THE STUDY.

VTP 070

TITLE: EDUCATION IN AGRICULTURE FOR THE EDUCATIONALLY DISADVANTAGED.

INVESTIGATOR: CURTIS, SAMUEL M.
INSTITUTION: PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG
PROJECT DURATION: JULY 1, 1971 TO JUNE 30, 1974

OBJECTIVES: THE PURPOSE OF THE PROJECT IS TO PREPARE AND EVALUATE SUBJECT MATTER UNITS SPECIFICALLY PREPARED FOR THE EDUCATIONALLY DISADVANTAGED STUDENT. A SECOND PURPOSE IS TO IMPROVE TEACHERS' PROFICIENCY IN TEACHING THE DISADVANTAGED AND TO ASSEMBLE VOCATIONAL GUIDANCE MATERIAL FOR TEACHER USE. ALSO, THE PROJECT WILL IDENTIFY EDUCATIONALLY DISADVANTAGED YOUTH WHO COULD BENEFIT FROM INSTRUCTION IN AGRICULTURAL EDUCATION OCCUPATIONAL COMPETENCY. FOUR GRADUATE ASSISTANTS, INCLUDING ONE FROM SPECIAL EDUCATION, WILL BE SELECTED TO PREPARE THE EDUCATIONAL MATERIAL. THE SUMMER INSTITUTE FOR 20 TEACHERS WILL UTILIZE EXPERTS FROM VOCATIONAL AND SPECIAL EDUCATION. THE EDUCATIONAL MATERIALS WILL BE FIELD TESTED BY THE TEACHERS WHO ATTEND THE INSTITUTE BEFORE THEY ARE GENERALLY DISTRIBUTED. AN ADVISORY COMMITTEE CONSISTING OF PERSONNEL FROM VOCATIONAL EDUCATION AND SPECIAL EDUCATION WILL BE UTILIZED. A COMPREHENSIVE EVALUATION OF THE PROJECT WILL BE MADE INCLUDING THE USE OF CONTROL GROUPS SO THAT THE EFFECTS OF THE PROJECT CAN BE ACCURATELY MEASURED.

VTP 071

TITLE: A STUDY TO DETERMINE THE EFFECTIVENESS OF THE LABORATORY TECHNICIAN PROGRAM IN PLACING STUDENTS IN THIS OR ANY RELATED PARA-PROFESSIONAL HEALTH FIELD.

INVESTIGATOR: EASLEY, ROBERT D.
INSTITUTION: PITTSBURGH SCHOOL DISTRICT, PA.
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL DIV.
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG
PROJECT DURATION: MARCH 1, 1971 TO JUNE 30, 1971

OBJECTIVES: THE SURVEY'S PURPOSE IS TO EVALUATE THE EFFORTS OF THE THREE PROGRAMS OF LABORATORY TECHNOLOGY IN THE PITTSBURGH PUBLIC SCHOOLS. CRITERIA FOR PROGRAM/MARKET RESPONSIVENESS WILL BE THE STUDENT'S PLACEMENT DIRECTLY INTO THE PARAPROFESSIONAL HEALTH FIELD OR IN AN ADVANCED COURSE OF STUDY IN THE FIELD. THESE RESULTS CAN BE USED TO DETERMINE THE FEASIBILITY OF CONTINUING THE PROGRAM AT ITS PRESENT LEVEL OR PLANNING FOR PROGRAM EXPANSION OR REDUCTION. AN EFFORT WILL BE MADE TO CONTACT ALL STUDENTS WHO HAVE GRADUATED FROM THE LABORATORY TECHNICIAN PROGRAM AT ALL OF THE SCHOOLS FOR A PERIOD OF AT LEAST THREE YEARS. THESE STUDENTS WILL BE ASKED TO ANSWER A QUESTIONNAIRE AND RETURN IT TO THE INVESTIGATOR. AS MUCH PERSONAL CONTACT AS POSSIBLE WILL BE MADE WITH THESE PEOPLE FOR THE EXPRESS PURPOSE OF INDIVIDUAL CONTACT AND FURTHER DOCUMENTATION. THE MAIN OBJECTIVE IS TO DETERMINE WHY THEY SELECTED THIS FIELD AND HOW THEY ENTERED IT. THIS DATA CAN THEN BE USED TO HELP US IN STUDENT ENROLLMENT AND IN BUILDING A GREATER INTEREST AND AWARENESS OF THIS VOCATION IN THE SCHOOL SYSTEM.

VTP 072

TITLE: AN ASSESSMENT OF THE ADEQUACY OF VOCATIONAL TECHNICAL AND INDUSTRIAL EDUCATION PROGRAMS IN THE SECONDARY SCHOOLS OF PENNSYLVANIA IN MEETING DROPOUT PRONE STUDENTS' NEEDS.

INVESTIGATOR: KLINGLER, ROBERT D.
INSTITUTION: TEMPLE UNIV., PHILADELPHIA, PA.
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG
PROJECT DURATION: MARCH 25, 1971 TO MARCH 24, 1972

OBJECTIVES: THE PURPOSE OF THIS STUDY IS TO DETERMINE HOW PRESENT PROGRAMS IN VOCATIONAL, TECHNICAL, AND INDUSTRIAL EDUCATION ARE MEETING THE PRE-EMPLOYMENT TRAINING NEEDS OF DROPOUT PRONE STUDENTS WHO ARE ENROLLED IN THE SECONDARY SCHOOLS OF PENNSYLVANIA. THE PROCEDURE WILL INCLUDE THE FOLLOWING: (1) REVIEW THE LITERATURE TO ESTABLISH THE CURRENT STATUS OF THE ART, (2) DEVELOP A PERT SEQUENCE OF EVENTS, (3) SET UP DATA COLLECTION INSTRUMENTS AND TECHNIQUES, AND (4) SELECT A RANDOM SAMPLE TO USE IN COLLECTING AND ANALYZING DATA. THE CONCLUSIONS WILL RESULT IN DESCRIBING OUTCOMES, RECOMMENDATIONS, AND MODELS.

VTP 073

TITLE: SUPERVISED INDEPENDENT STUDY PROGRAM.

INVESTIGATOR: ROSS, H. JAMES
INSTITUTION: BUCKS COUNTY PUBLIC SCHOOLS, DOYLESTOWN, PA.
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG
PROJECT DURATION: JULY 1, 1971 TO JUNE 30, 1972

OBJECTIVES: THE PURPOSES OF THIS PROGRAM ARE: TO PROVIDE EDUCATIONAL OPPORTUNITIES FOR THE DISADVANTAGED AND HANDICAPPED INDIVIDUALS RESIDING IN BUCKS COUNTY; SPECIFICALLY THIS PROGRAM WILL PROVIDE A VEHICLE FOR SUPERVISED INDEPENDENT STUDY FOR THE SCHOOL DROPOUT, THE UNDEREMPLOYED AND THE UNEMPLOYED, THE SOCIALLY AND CULTURALLY DISADVANTAGED AND FOR THOSE PERSONS WITH SPECIAL NEEDS WHO ARE NOT PRESENTLY PROVIDED FOR IN THE FORMAL EDUCATION PROGRAMS CURRENTLY AVAILABLE. THE DESIGN OF THIS PROGRAM WILL ENSURE THAT THOSE INDIVIDUALS, ONCE INVOLVED, WILL BE INDIVIDUALLY COUNSELLED AND SUPERVISED UNTIL THEIR DESIRED PERSONAL EDUCATIONAL OBJECTIVES AND ASPIRATIONS ARE ATTAINED WITH RESPECT TO GAINFUL EMPLOYMENT. THE SUPPORT OF BUSINESS AND INDUSTRY WILL BE ELICITED WITH RESPECT TO PROVIDING AN UP-TO-DATE FEEDBACK FOR COUNSELLING, AS WELL AS THAT OF PROVIDING PROGRAMS FOR INDIVIDUALS AND GROUPS WITHIN BUSINESS AND INDUSTRY WHO NEED RETRAINING AS EMPLOYMENT CONDITIONS CHANGE.

VTP 074

TITLE: SLIDES AS A VISUAL SUPPLEMENT TO THE CARPENTRY CURRICULUM.

INVESTIGATOR: BOUNDS, JESSE S.
INSTITUTION: PITTSBURGH SCHOOL DISTRICT, PA.
OCCUPATIONAL, VOCATIONAL, AND TECHNICAL DIV.
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG
PROJECT DURATION: MARCH 1, 1971 TO AUGUST 13, 1971

OBJECTIVES: THE PURPOSE OF THIS PROJECT IS TO PREPARE A RELEVANT VISUAL SUPPLEMENT OF 35 MM. COLORED SLIDES FOR THE VOCATIONAL CARPENTRY CURRICULUM. THE SLIDES WILL DEPICT THE VARIOUS STAGES OF HOUSE CONSTRUCTION FROM FOUNDATION TO COMPLETION. UTILIZING A CAREFULLY DOCUMENTED SLIDE PRESENTATION, THE LEARNER WILL BE ABLE TO VISUALLY PERCEIVE THE COMPLEXITIES OF HOUSE CONSTRUCTION, A HISTORICAL PERSPECTIVE OF MAN'S SHELTER, AND ON-THE-JOB PROBLEMS THAT ARE VIRTUALLY IMPOSSIBLE TO DUPLICATE WITHIN THE CONFINES OF THE CLASSROOM. THE VISUALS WILL BE DEVELOPED FROM ON-SITE VISITS TO HOUSES UNDER CONSTRUCTION AND COMPLETED HOUSES THAT BEST ILLUSTRATE THE OBJECTIVES OF THE CURRICULUM AND PORTRAY CURRENT PRACTICES IN THE HOME BUILDING INDUSTRY.

VTP 075

TITLE: DEVELOPMENT AND PREPARATION OF A CHEMICAL TECHNOLOGY COURSE MANUAL VOLUME I.

INVESTIGATOR: STEWART, R.B., JR.
INSTITUTION: CENTRAL CHESTER COUNTY VOCATIONAL TECHNICAL SCHOOL, COATESVILLE, PA.
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG
PROJECT DURATION: JANUARY 1, 1971 TO DECEMBER 31, 1971

OBJECTIVES: THIS PROPOSAL HAS THE SPECIFIC OBJECTIVE TO PREPARE VOLUME I OF A SECONDARY LEVEL CHEMICAL TECHNOLOGY COURSE MANUAL. THE MANUAL WILL BE SIMILAR IN DESIGN TO A NAVY RATE TRAINING MANUAL IN LANGUAGE LEVEL AND LITERARY STYLE WITH EXERCISES AND LABORATORY EXPERIMENTS IMMEDIATELY FOLLOWING APPROPRIATE TEXTURAL MATERIAL. IT WILL DIFFER FROM RATE TRAINING MANUALS IN THAT A GLOSSARY WILL PRECEDE EACH CHAPTER OF THE COURSE MANUAL. PLANNING PROVIDES FOR ONE IN-SERVICE MEETING FOR 11 CHEMICAL TECHNOLOGY TEACHERS. THE NEED FOR SUCH A MANUAL EXISTS AS EVIDENCED BY THE FACT THAT NO COURSE MANUAL EXISTS AND THAT COURSE MATERIAL

IS PRESENTLY DRAWN FROM AS MANY AS THIRTY TEXTS AND REFERENCES.

VTP 076

TITLE: AN EDUCATIONAL APPLICATION OF QUEUEING THEORY.

INVESTIGATOR: DAVIS, FRANK S., JR.
INSTITUTION: BLOOMSBURG STATE COLL., PA.
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG
PROJECT DURATION: MARCH 1971 TO MARCH 1972

OBJECTIVES: THE PURPOSE OF THIS STUDY IS TWOFOLD: FIRST, TO DEVELOP A MODEL WHICH WILL ALLOW SIMULATION TECHNIQUES TO BE APPLIED TO THE INVESTIGATION OF THE INTERRELATIONSHIPS BETWEEN STUDENTS AND TEACHERS IN THE INDIVIDUALIZED CLASSROOM; AND SECOND, TO GATHER DATA AND TO SIMULATE TWO TYPES OF CLASSROOMS UTILIZING THE RESULTING COMPUTER PROGRAM. A SIMULATION MODEL WILL BE DEVELOPED AND A COMPUTER PROGRAM WRITTEN WHICH WILL ALLOW THE INDIVIDUALIZED CLASSROOM TO BE SIMULATED USING QUEUEING TECHNIQUES. DATA WILL BE GATHERED IN TYPEWRITING AND OFFICE MACHINE CLASSROOMS. THESE DATA WILL THEN BE USED TO SIMULATE THE CLASSROOMS WITH VARIOUS MANIPULATIONS INCLUDING CHANGES IN THE NUMBER OF STUDENTS AND THE NUMBER OF TEACHERS. THE OUTPUT OF THE PROGRAM WILL BE DETAILED LISTINGS GIVING THE TIME EACH STUDENT WAITS FOR AN ANSWER TO HIS QUESTION, AND SUMMARY MATERIAL INDICATING THE TOTAL IDLE TIME FOR EACH TEACHER, THE AVERAGE TOTAL TIME IN THE SYSTEM, AND THE AVERAGE WAITING TIME.

VTP 077

TITLE: PROJECT GIVE (GUIDANCE IN VOCATIONAL EDUCATION): ELEMENTARY.

INVESTIGATOR: CULP, WILLIAM H.
INSTITUTION: GANNON COLL., ERIE, PA.
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG
PROJECT DURATION: MARCH 1971 TO JULY 1972

OBJECTIVES: THE PURPOSE OF THIS PROJECT IS TO: (1) TO ASSIST CLASSROOM TEACHERS IN DEVELOPING A COMPREHENSIVE SEQUENTIAL PLANNED VOCATIONAL GUIDANCE PROGRAM, (2) TO PROVIDE THE TEACHERS WITH TRYOUT WORK EXPERIENCES IN A VOCATIONAL TECHNICAL SCHOOL, (3) TO PROVIDE THE TEACHERS WITH AN UNDERSTANDING OF SELECTED THEORIES OF VOCATIONAL CHOICE AND DEVELOPMENT, (4) TO PROVIDE THE TEACHERS WITH A KNOWLEDGE OF STANDARDIZED TESTS AND USE OF TEST DATA TO EXAMINE DIFFERENCES IN GENERAL ABILITY, INTERESTS, AND PERSONALITY, (5) TO PROVIDE THE TEACHERS WITH AN UNDERSTANDING OF THE VOCATIONAL OPPORTUNITIES AVAILABLE TO STUDENTS, AND (6) TO PREPARE BEHAVIORAL OBJECTIVES FOR DEVELOPMENTAL VOCATIONAL EDUCATION IN THE ELEMENTARY SCHOOL. THIRTY ELEMENTARY TEACHERS FROM NORTH-WESTERN PENNSYLVANIA WILL SPEND EIGHT WEEKS AT GANNON COLLEGE. TWO OF THESE WEEKS WILL BE DEVOTED TO GIVING THE TEACHER WORK EXPERIENCES IN VARIOUS OCCUPATIONS; ONE WEEK WILL BE DEVOTED TO EXAMINING THE VOCATIONAL OPPORTUNITIES AVAILABLE TO STUDENTS IN THE LOCAL AREA; AND ANOTHER WEEK THE TEACHERS WILL UNDERGO TESTING AND VOCATIONAL COUNSELING. THE REMAINING TIME WILL BE USED TO MAKE PLANS FOR INCLUDING VOCATIONAL EDUCATION IN THE ELEMENTARY CLASSROOM, EXAMINING VOCATIONAL DEVELOPMENT THEORIES, AND PREPARING CURRICULUM.

VTP 078

TITLE: PRACTICAL NURSING LICENSING EXAM ACHIEVEMENT
RELATIONSHIP TO WORK PERFORMANCE AND RETENTION.

INVESTIGATOR: CLUGH, RAYMOND W.
INSTITUTION: PENNSYLVANIA HEALTH COUNCIL, INC., CAMP
HILL
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF
EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL
AND CONTINUING EDUCATION
PROJECT DURATION: FEBRUARY 1, 1971 TO JUNE 1, 1972

OBJECTIVES: THE OBJECTIVES OF THE PROPOSAL ARE: (1) TO ASSESS THE CORRELATION OF STATE BOARD ACHIEVEMENT WITH JOB SATISFACTION AND LENGTH OF RETENTION IN THE FIELD OF PRACTICAL NURSING, (2) TO DETERMINE THOSE FACULTY QUALIFICATIONS WHICH ARE NECESSARY TO PRODUCE ABOVE AVERAGE ACHIEVEMENT IN THE STATE BOARD EXAMINATION FOR GRADUATE PRACTICAL NURSES, (3) TO DETERMINE THE PERCENTAGE OF SOCIOECONOMICALLY DISADVANTAGED PRACTICAL NURSING STUDENTS WHO COMPLETE THE MINIMUM REQUIREMENTS FOR ELIGIBILITY TO SIT FOR THE STATE BOARD EXAMINATION AS COMPARED WITH THE PERCENTAGE OF NONDISADVANTAGED STUDENTS WHO COMPLETE THE PROGRAMS, AND (4) TO COMPARE SELECTED PERSONAL AND ACADEMIC CHARACTERISTICS OF GRADUATE PRACTICAL NURSES WHO ARE SOCIOECONOMICALLY DISADVANTAGED WITH THOSE WHO ARE NOT THUS DISADVANTAGED. PROCEDURES: THIS PROPOSAL IS DESIGNED AS A RESEARCH PROJECT OVER A THREE-YEAR PERIOD. QUARTERLY PROGRESS REPORTS WILL BE SUBMITTED. AT THE CONCLUSION OF THE PROJECT COMPREHENSIVE STATISTICS WILL BE COMPILED. IT IS INTENDED, ALSO, THAT INTERIM REPORTS DERIVED FROM DATA OBTAINED WILL BE PREPARED AND PRODUCED AS TIME ALLOWS.

VTP 079

TITLE: THE STATUS OF FUTURE BUSINESS LEADERS OF
AMERICA CHAPTER ACTIVITIES IN THE STATE OF
PENNSYLVANIA--1967-1970.

INVESTIGATOR: NAGLE, ALMA DORIS
INSTITUTION: INDIANA UNIV. OF PENNSYLVANIA
ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF
EDUCATION, HARRISBURG
PROJECT DURATION: SEPTEMBER 1, 1970 TO SEPTEMBER 1,
1971

OBJECTIVES: RESEARCH BASED ON THE SURVEY METHOD INTO THE ACTIVITIES OF FUTURE BUSINESS LEADERS OF AMERICA (FBLA) HAS NEVER BEEN DONE IN PENNSYLVANIA. THIS PROJECT IS FOR THE PURPOSE OF DETERMINING THE STATUS OF THESE ACTIVITIES AND FOR PROVIDING INTERESTED CHAPTERS WITH INFORMATION AND IDEAS OF SUCCESS IN OTHER CHAPTERS REGARDING THE KINDS OF ACTIVITIES CARRIED ON, THE REASONS FOR CHAPTER SUCCESS IN THEM, AND WHAT THE ADVISORS ARE ABLE TO CONTRIBUTE TO THE SUCCESS OF THE CLUBS. QUESTIONNAIRES WERE MAILED TO A REPRESENTATIVE STUDENT AND THE ADVISOR OF ALL 150 ACTIVE CHAPTERS IN PENNSYLVANIA. INTERVIEWS ARE TO BE MADE TO ONE STUDENT AND ONE ADVISOR IN EACH OF THE REGIONS OF THE STATE. ANALYSIS IS TO BE MADE OF THE DATA GATHERED AND THE INFORMATION GAINED WILL BE SHARED WITH ALL THE CHAPTERS IN THE STATE.

VTP 080

TITLE: A LONGITUDINAL STUDY OF VOCATIONAL DEVELOPMENT
AND PROGRAM EVALUATION: IMPLICATIONS FOR CURRICULUM
PLANNING AND VOCATIONAL GUIDANCE.

INVESTIGATOR: IMPELLITTERI, JOSEPH T.
INSTITUTION: PENNSYLVANIA STATE UNIV., UNIVERSITY
PARK.

ADMINISTERED BY: PENNSYLVANIA STATE DEPT. OF
EDUCATION, HARRISBURG
PROJECT DURATION: APRIL 1, 1971 TO JUNE 30, 1972

OBJECTIVES: THE PURPOSE OF THIS PROPOSED RESEARCH IS TO INVESTIGATE IN A LONGITUDINAL MANNER THE VOCATIONAL DEVELOPMENT OF OVER 3,000 BOYS AND GIRLS ENROLLED IN NINTH OR ELEVENTH GRADE IN THE ALTO, HAZLETON AND WILLIAMSPORT SCHOOL SYSTEMS. THE STUDY HAD BEEN DESIGNED TO HAVE IMPLICATIONS FOR BOTH VOCATIONAL CURRICULUM PLANNING AND VOCATIONAL GUIDANCE. THE GENERAL DESIGN OF THE PROPOSED STUDY IS LONGITUDINAL AND DEVELOPMENT. SELECTED CHARACTERISTICS OF THE GROUP OF NINTH AND ELEVENTH GRADE BOYS AND GIRLS WILL BE CHARTED OVER THREE YEARS. BASED UPON STUDENT CHANGES THAT OCCUR OVER EACH ONE YEAR PERIOD CERTAIN IMPLICATIONS WILL BE DRAWN REGARDING PROGRAM EFFECTS AND THE NATURE OF THEIR VOCATIONAL DEVELOPMENT.

VTP 081

TITLE: A SYSTEM FOR EVALUATION OF VOCATIONAL-
TECHNICAL EDUCATION.

INVESTIGATOR: HALE, JAMES
INSTITUTION: NEW MEXICO UNIV., ALBUQUERQUE
ADMINISTERED BY: NEW MEXICO OCCUPATIONAL RESEARCH
AND DEVELOPMENT COORDINATING UNIT, SANTA FE
PROJECT DURATION: FEBRUARY 1, 1971 TO FEBRUARY 1,
1972

OBJECTIVES: THE PRIMARY OBJECTIVE IS TO
COMPUTERIZE ENROLLMENTS, PROGRAMS, COURSES, OTHER
DATA, AND A FOLLOW-UP SYSTEM AS A PART OF AN
EVALUATION SYSTEM FOR THE DEPARTMENT OF VOCATIONAL
AND TECHNICAL EDUCATION IN NEW MEXICO. METHODOLOGY:
IN-SERVICE WORKSHOP TO ORIENT TEACHERS WILL BE USED
IN SETTING UP THE PROGRAM.

PUBLICATIONS OF
THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION

RESEARCH AND DEVELOPMENT SERIES (RD)

| Series No. | Publication Title (RD) | Center* | Availability EDRS** |
|------------|---|---------|-------------------------------------|
| 1 | A National Survey of Vocational Education Programs for Students with Special Needs, by Ramsey M. Groves, May, 1966 | -- | ED 011 041 MF-\$.65, HC-\$ 3.29 |
| 2 | The Demand for and Selected Sources of Teachers in Vocational and Technical Education, State Director Survey, by James W. Hensel, January, 1967 | -- | ED 012 331 MF-\$.65, HC-\$ 3.29 |
| 3 | Research and Development Priorities in Technical Education, A Report of a National Research Planning Conference in Technical Education, by Aaron J. Miller, May, 1967 | -- | ED 013 888 MF-\$.65, HC-\$ 3.29 |
| 4 | The Emerging Role of State Education Departments with Specific Implications for Divisions of Vocational-Technical Education, Report of a National Conference on State Department Leadership in Vocational Education, by Dick C. Rice and Powell E. Toth, 1967 | -- | ED 016 870 MF-\$.65, HC-\$16.45 |
| 5 | A Taxonomy of Office Activities for Business and Office Education, by Harry Huffman and others, July, 1968 | -- | ED 021 140 MF-\$.65, HC-\$ 6.58 |
| 6 | Enlisted Men Separating from the Military Service as a Potential Source of Teachers for Vocational and Technical Schools, by James W. Hensel and others, October, 1967 | -- | ED 016 131 MF-\$.65, HC-\$ 3.29 |
| 7 | BOOST--Business and Office Education Student Training, Preliminary Report, by Harry Huffman, 1967 | \$3.00 | ED 018 663 MF-\$.65, HC-\$ 9.87 |
| 8 | Professional Personnel in State Divisions of Vocational Education: Policies, Practices, Requirements, by Dick C. Rice, November, 1968 | \$3.25 | ED 023 928 MF-\$.65, HC-\$ 3.29 |
| 9 | Trade and Industrial Teacher Education and Certification: Report of a National Invitational Research Development Seminar, by Robert M. Reese, November, 1968 | -- | ED 025 644 MF-\$.65, HC-\$ 3.29 |
| 10 | Research Priorities in Technical Teacher Education, A Planning Model, by Aaron J. Miller, October, 1967 | -- | ED 016 815 MF-\$.65, HC-\$ 3.29 |
| 11 | Implications of Women's Work Patterns for Program Development in Vocational and Technical Education, by Sylvia L. Lee and others, October, 1967 | \$2.00 | ED 016 812 MF-\$.65, HC-\$ 3.29 |
| 12 | Problems in the Transition from High School to Work as Perceived by Vocational Educators, by A.P. Garbin and others, October, 1967 | -- | ED 016 811 MF-\$.65, HC-\$ 3.29 |
| 13 | An Evaluation of the Off-Farm Agricultural Occupations Materials, by James W. Hensel and Cecil H. Johnson, Jr., October, 1967 | -- | ED 016 853 MF-\$.65, HC-\$ 3.29 |
| 14 | Vocational Guidance in Secondary Education, Results of a National Survey, by Robert E. Campbell and others, December, 1968 | -- | ED 026 534 MF-\$.65, HC-\$ 6.58 |
| 15 | A Guide to Systematic Planning for Vocational and Technical Schools, by Richard F. Meckley and others, December, 1968 | \$2.00 | ED 026 537 MF-\$.65, HC-\$ 3.29 |
| 16 | A General Guide for Planning Facilities for Occupational Preparation Programs, by Richard F. Meckley, June, 1969 | \$2.00 | ED 030 771 MF-\$.65, HC-\$ 3.29 |
| 17 | A Guide for Planning Facilities for Home Economics Occupational Preparation Programs, by Richard F. Meckley and others, July, 1968 | \$2.00 | ED 022 924 MF-\$.65, HC-\$ 3.29 |
| 18 | A Guide for Planning Facilities for Occupational Preparation Programs in the Machine Trades, by Milton E. Larson, September, 1968 | \$2.00 | ED 023 926 MF-\$.65, HC-\$ 3.29 |
| 19 | A Guide for Planning Facilities for Occupational Preparation Programs in Data Processing, by William A. McIntosh, November, 1968 | \$2.00 | ED 023 927 MF-\$.65, HC-\$ 3.29 |
| 20 | A Guide for Planning Facilities for Occupational Preparation Programs in Business and Office Occupations, by William Selden, November, 1968 | \$2.00 | ED 027 401 MF-\$.65, HC-\$ 3.29 |
| 21 | A Guide for Planning Facilities for Occupational Preparation Programs in Laboratory Animal Science Technology, by Walter E. Collins and Wilbur M. Farnsworth, January, 1969 | \$2.00 | ED 027 434 MF-\$.65, HC-\$ 6.58 |
| 22 | A Guide for Planning Facilities for Occupational Preparation Programs in Metallurgy Technology, by Carl German, Jr., March, 1968 | \$2.00 | ED 027 420 MF-\$.65, HC-\$ 6.58 |
| 23 | A Guide for Planning Facilities for Occupational Preparation Programs in Automotive Service, by Jon P. Adams, April, 1969 | \$2.00 | ED 028 280 MF-\$.65, HC-\$ 3.29 |
| 24 | A Guide for Planning Facilities for Occupational Preparation Programs in Electrical Technology, by L.J. Sitterlee, April, 1969 | \$2.00 | ED 028 278 MF-\$.65, HC-\$ 6.58 |

* The Center for Vocational and Technical Education
** ERIC Document Reproduction Service

PUBLICATIONS (cont.)

| Series No. | Publication Title (RD) | Availability | |
|---------------|---|--------------|-------------------------------------|
| | | Center | EDRS |
| 25 | A Guide for Planning Facilities for Occupational Preparation Programs for Medical X-Ray Technicians. by James D. MacConnell and others, April, 1969 | \$2.00 | ED 028 283 MF-\$.65, HC-\$ 3.29 |
| 26 | A Guide for Planning Facilities for Occupational Preparation Programs for Medical Assistants, by James D. MacConnell and others, April, 1969 | \$2.00 | ED 029 117 MF-\$.65, HC-\$ 3.29 |
| 27 | A Guide for Planning Facilities for Occupational Preparation Programs for Medical Secretaries, by James D. MacConnell, April, 1969 | \$2.00 | ED 029 120 MF-\$.65, HC-\$ 3.29 |
| 28 | A Guide for Planning Facilities for Occupational Preparation Programs for Dental Laboratory Technicians, by James D. MacConnell and others, May, 1969 | \$2.00 | ED 029 127 MF-\$.65, HC-\$ 3.29 |
| 29 | A Guide for Planning Facilities for Occupational Preparation Programs for Dental Assistants, by James D. MacConnell and others, May, 1969 | \$2.00 | ED 029 965 MF-\$.65, HC-\$ 3.29 |
| 30 | A Guide for Planning Facilities for Occupational Preparation Programs for Dental Hygienists, by James D. MacConnell and others, May, 1969 | \$2.00 | ED 029 966 MF-\$.65, HC-\$ 3.29 |
| 31 | The Identification of Opinion Leaders Among Teachers of Vocational Agriculture, by James W. Hensel and Cecil H. Johnson, Jr., June, 1969 | \$2.00 | ED 030 764 MF-\$.65, HC-\$ 3.29 |
| 32 | Vocational Development of Disadvantaged Junior High School Students, by Robert E. Campbell and others, August, 1969 | \$1.00 | ED 032 427 MF-\$.65, HC-\$ 3.29 |
| 33 | Changing the Response of Vocational Students to Supervision: The Use of Motion Pictures and Group Discussion, by Ralph M. Stogdill and Walter R. Bailey, September, 1969 | \$1.50 | ED 032 430 MF-\$.65, HC-\$ 3.29 |
| 34 | A System for State Evaluation of Vocational Education, Interim Report, by Harold Starr, August, 1969 | \$2.00 | ED 032 436 MF-\$.65, HC-\$ 3.29 |
| 35 | Supervision and Decision-Making Skills in Vocational Education: A Training Program Utilizing Simulation Techniques, by Dick C. Rice and Richard F. Meckley, January, 1970 | \$3.00 | ED 038 501 MF-\$.65, HC-\$ 6.58 |
| 36 | Simulation Training in Planning Vocational Education Programs and Facilities, by Richard F. Meckley and others, April, 1970 | \$3.50 | ED 039 335 MF-\$.65, HC-\$ 9.87 |
| 37 | Problems in the Transition from School to Work as Perceived by Youth Opportunity Center Counselors, by Donald F. Eggeman and others, December, 1969 | \$2.50 | ED 036 626 MF-\$.65, HC-\$ 3.29 |
| 38 | A Health Career Development Program for the Rural High School, by Harold R. Rowe, June, 1970 | -- | ED 042 013 MF-\$.65, HC-\$ 6.58 |
| 39 | A System for State Evaluation of Vocational Education, Final Report, by Harold Starr and others, May, 1970 | \$3.50 | ED 041 121 MF-\$.65, HC-\$ 6.58 |
| 40 | Assessment of Micro-Teaching and Video Recording in Vocational and Technical Teacher Education: Phase X--Remote Feedback Techniques for Inservice Education, by Walter A. Cameron and Calvin J. Cotrell, August, 1970 | \$2.00 | ED 042 901 MF-\$.65, HC-\$ 3.29 |
| 41 | The Relationship of Group Structural Properties and Communication Behavior Patterns to Opinion Leadership Among Teachers, by Garry R. Rice, August, 1970 | -- | ED 042 908 MF-\$.65, HC-\$ 3.29 |
| 42 | High School Senior Girls and the World of Work: Occupational Knowledge, Attitudes, and Plans, by Sylvia L. Lee and others, January, 1971 | -- | ED 047 155 MF-\$.65, HC-\$ 3.29 |
| 43 | Worker Adjustment Problems of Youth in Transition From High School to Work, by A.P. Garbin and others, December, 1970 | -- | ED 045 850 MF-\$.65, HC-\$ 9.87 |
| 44 | Response of Vocational Students to Supervision, by Ralph M. Stogdill and others, December, 1970 | -- | ED 045 845 MF-\$.65, HC-\$ 3.29 |
| 45 | The Systems Approach: An Emerging Behavioral Model for Vocational Guidance, A Summary Report, by Robert E. Campbell and others, January, 1971 | -- | ED 047 127 MF-\$.65, HC-\$ 3.29 |
| 46 | Planning Ahead for the World of Work - Curriculum Materials, by Louise Vetter and Barbara J. Sethney, January, 1971 | -- | ED 050 272 MF-\$.65, HC-\$ 3.29 |
| 47 | Guide for State Vocational-Technical Education Information Dissemination Systems, by Celianna I. Taylor and Joel H. Magisos, 1971 | \$3.00 | ED 048 503 MF-\$.65, HC-\$ 9.87 |

PUBLICATIONS (cont.)

LEADERSHIP TRAINING SERIES (LT)

| Series No. | Publication Title (LT) | Center | Availability EDRS |
|------------|--|--------|--|
| 1 | Program Development and Research, Report of a National Seminar on Agricultural Education, by Robert E. Taylor, August, 1965 | -- | ED 011 036 MF-\$.65, HC-\$ 6.58 |
| 2 | Guidance in Vocational Education--Guidelines for Research and Practice, by Robert E. Campbell, 1966 | -- | ED 011 922 MF-\$.65, HC-\$ 6.58 |
| 3 | Guidelines for State Supervisors of Office Occupations Education, by R.D. Falthaser and Bruce I. Blackstone, 1966 | -- | VT 001 266 (In ED 017 746, AHM microfiche set) |
| 4 | National Vocational-Technical Education Seminar on the Development and Coordination of Research by State Research Coordinating Units, by Virgil E. Christensen, February, 1966 | -- | ED 011 042 MF-\$.65, HC-\$ 3.29 |
| 5 | Research Planning Conference for Business and Office Education, March, 1966 | -- | ED 013 304 MF-\$.65, HC-\$ 6.58 |
| 6 | Program Development for Occupational Education, A Report of a National Seminar for Leaders in Home Economics Education, by Sylvia L. Lee and Kathleen Howell, March, 1966 | -- | ED 011 040 MF-\$.65, HC-\$ 6.58 |
| 7 | Trade and Industrial Teacher Education, Report of a National Invitational Research Planning Conference, by Calvin J. Cotrell, May, 1966 | \$2.00 | ED 011 043 MF-\$.65, HC-\$ 6.58 |
| 8 | Evaluation and Program Planning in Agricultural Education, Report of a National Seminar, by James W. Hensel, 1966 | -- | ED 011 047 MF-\$.65, HC-\$ 6.58 |
| 9 | Health Occupations Education Centers, Report of a Seminar, by Grace L. Nangle, October, 1967 | -- | ED 016 823 MF-\$.65, HC-\$ 3.29 |
| 10 | Guidelines for Cooperative Education and Selected Materials from the National Seminar Held August 1-5, 1966, A Manual for the Further Development of Cooperative Education, by Harry Huffman, 1967 | -- | ED 011 044 MF-\$.65, HC-\$ 9.87 |
| 11 | Systems Under Development for Vocational Guidance, A Report of a Research Exchange Conference, by Robert E. Campbell and others, August, 1966 | -- | ED 011 039 MF-\$.65, HC-\$ 3.29 |
| 12 | Compilation of Technical Education Instructional Materials--Supplement I, compiled by C.J. Cotrell and I.E. Valentine, April, 1967 | -- | ED 012 340 MF-\$.65, HC-\$ 6.58 |
| 13 | Compilation of Technical Education Instructional Materials--Supplement II, compiled by C.J. Cotrell and I.E. Valentine, April, 1967 | -- | ED 011 933 MF-\$.65, HC-\$ 9.87 |
| 14 | Educational Media in Vocational and Technical Education, A Report of a National Seminar, by Calvin J. Cotrell and Edward F. Hauck, 1967 | -- | ED 017 730 MF-\$.65, HC-\$ 9.87 |
| 15 | Vocational-Technical Teacher Education--National Seminar . . . findings, by Neal E. Vivian and Kenneth E. Hoffman, 1967 | \$3.25 | ED 020 431 MF-\$.65, HC-\$ 9.87 |
| 16 | National Program Development Institutes in Technical Education, Summer, 1967: A Compilation of Selected Presentations and Instructional Materials, by A.J. Miller and I.E. Valentine, February, 1968 | -- | ED 021 069 MF-\$.65, HC-\$ 6.58 |
| 17 | Second Annual National Vocational-Technical Teacher Education Seminar, by James W. Hensel and Garry R. Rice, January, 1969 | \$3.00 | ED 027 424 MF-\$.65, HC-\$ 6.58 |
| 18 | Program, Planning, Budgeting Systems for Educators, Volume I: An Instructional Outline, by Joseph H. McGivney and William C. Nelson, August, 1969 | -- | ED 032 417 MF-\$.65, HC-\$ 9.87 |
| 19 | Program, Planning, Budgeting Systems for Educators, Volume II: A Case Problem, by Joseph H. McGivney and William C. Nelson, August, 1969 | -- | ED 032 418 MF-\$.65, HC-\$ 6.58 |
| 20 | National Conference on Research in Industrial Arts, by Alan R. Suess, April, 1969 | -- | ED 029 986 MF-\$.65, HC-\$ 6.58 |
| 21 | Manpower Information for Vocational Education Planning, A Conference Report, by Robert C. Young, November, 1969 | \$3.50 | ED 035 716 MF-\$.65, HC-\$ 6.58 |
| 22 | A Plan for Research in Distributive Education, Report of a Research Planning Seminar, by Neal E. Vivian, November, 1969 | \$2.50 | ED 035 720 MF-\$.65, HC-\$ 3.29 |
| 23 | Second National Leadership Development Seminar for State Directors of Vocational Education, by Darrell L. Ward and Aaron J. Miller, November, 1969 | \$3.50 | ED 035 724 MF-\$.65, HC-\$ 6.58 |
| 24 | Third Annual National Vocational-Technical Teacher Education Seminar Proceedings: Teaching Disadvantaged Youth, by Edward T. Ferguson and Garry R. Rice, January, 1970 | \$2.50 | ED 037 540 MF-\$.65, HC-\$ 6.58 |

PUBLICATIONS (cont.)

| Series No. | Publication Title (L) | Center | Availability | |
|---------------|---|--------|-------------------------------------|--|
| | | | EDRS | |
| 25 | Third Annual National Vocational-Technical Teacher Education Seminar Proceedings: Micro-Teaching and Video Recording, by Calvin J. Cotrell and Garry R. Rice, January, 1970 | \$2.50 | ED 037 550 MF-\$.65, HC-\$ 6.58 | |
| 26 | The National Conference on Post-Secondary Vocational-Technical Education, by Aaron J. Miller and Carroll R. Hyder, December, 1969 | -- | ED 037 552 MF-\$.65, HC-\$ 9.87 | |
| 27 | Occupations and Education: Leaders in the Field Speak Out, Occupational Education Program Development Institutes for Post-Secondary Institutions, 1969 | -- | ED 041 127 MF-\$.65, HC-\$ 3.29 | |
| 28 | Report of a National Vocational Education Seminar on the Administration of Research, by Robert E. Taylor and others, May, 1965 | -- | ED 011 546 MF-\$.65, HC-\$ 6.58 | |
| 29 | A Suggested Guide for Post-Secondary Vocational and Technical Education, by Aaron J. Miller and Angelo C. Gillie, September, 1970 | -- | ED 047 083 MF-\$.65, HC-\$ 3.29 | |
| 30 | A Seminar on Graduate Education Programs, by Joseph P. Arnold, November, 1970 | -- | ED 045 859 MF-\$.65, HC-\$ 3.29 | |
| 31 | Proceedings of the National Research Conference on Consumer and Homemaking Education, by Anna M. Gorman, October, 1970 | \$2.75 | ED 043 773 MF-\$.65, HC-\$ 6.58 | |
| 32 | Third Annual National Leadership Development Seminar for State Directors of Vocational Education, Articulation of Vocational Education Planning with Comprehensive State Planning, by Darrell L. Ward and Edward N. Kazarian, January, 1971 | \$4.00 | ED 047 148 MF-\$.65, HC-\$ 3.29 | |
| 3 | Emerging Teacher Education Curricular Models, Fourth Annual National Vocational-Technical Teacher Education Seminar Proceedings, by Edward T. Gergusow, January, 1971 | -- | ED 047 162 MF-\$.65, HC-\$ 6.58 | |

PUBLICATIONS (cont.)

BIBLIOGRAPHY SERIES (BB)

| Series No. | Publication Title (BB) | Center | Availability | |
|--|--|--------|--|--|
| | | | EDRS | |
| 1 | Implications of Women's Work Patterns for Vocational and Technical Education: An Annotated Bibliography, by Sylvia L. Lee and others, October, 1967 | \$1.50 | ED 016 826 MF-\$.65, HC-\$ 3.29 | |
| 2 | Worker Adjustment: Youth in Transition from School to Work: An Annotated Bibliography of Recent Literature, by A.P. Garbin and others, 1968 | -- | ED 021 070 MF-\$.65, HC-\$ 6.58 | |
| 3 | Program, Planning, Budgeting Systems for Educators, Volume III: An Annotated Bibliography, by Joseph H. McGivney and William C. Nelson, December, 1969 | -- | ED 035 756 MF-\$.65, HC-\$ 3.29 | |
| 4 | Program, Planning, Budgeting Systems for Educators, Volume IV: A Research Bibliography, by William C. Nelson, March, 1970 | \$2.25 | ED 038 512 MF-\$.65, HC-\$ 6.58 | |
| 5 | The Change Process in Education: A Selected and Annotated Bibliography, by Gail J. Skelton and J.W. Hensel, 1970 | -- | ED 041 108 MF-\$.65, HC-\$ 6.58 | |
| 6 | Bibliography of Research on Consumer and Homemaking Education, by Anna M. Gorman and Joel Magisos, June, 1970 | -- | ED 039 336 MF-\$.65, HC-\$ 3.29 | |
| 7 | A Listing of Data Collection Instruments for Use in Research in Home Economics Education: 1962-1969, by Anna M. Gorman and Doris E. Manning, May, 1971 | -- | ED 050 275 MF-\$.65, HC-\$ 6.58 | |
| Abstracts of Research and Related Materials in Vocational and Technical Education (ARM)+ | | | | |
| | Fall, 67 | -- | ED 013 336 MF-\$.65, HC-\$ 9.87 | |
| | Winter, 67 | -- | ED 015 335 MF-\$.65, HC-\$ 6.58 | |
| | Spring, 68 | -- | ED 016 875 MF-\$.65, HC-\$ 6.58 | |
| | Summer, 68 | -- | ED 019 525 MF-\$.65, HC-\$ 9.87 | |
| | Fall, 68 | -- | ED 022 970 MF-\$.65, HC-\$ 9.87 | |
| | Winter, 68 | -- | ED 027 437 MF-\$.65, HC-\$ 9.87 | |
| | Spring, 69 | -- | ED 030 000 MF-\$.65, HC-\$ 9.87 | |
| | Summer, 69 | -- | ED 031 586 MF-\$.65, HC-\$ 9.87 | |
| | Fall, 69 | -- | ED 033 247 MF-\$.65, HC-\$ 9.87 | |
| | Winter, 69 | -- | ED 034 516 MF-\$.65, HC-\$ 9.87 | |
| | Spring, 70 | -- | ED 035 756 MF-\$.65, HC-\$ 13.16 | |
| | Summer, 70 | -- | ED 042 036 MF-\$.65, HC-\$ 9.87 | |
| | Fall, 70 | -- | ED 045 857 MF-\$.65, HC-\$ 19.74 | |
| | Winter, 70 | -- | ED 048 516 MF-\$.65, HC-\$ 9.87 | |
| | Spring, 71 | -- | VT 013 606 (See Sept. '71 RIE for ED number and EDRS prices) | |
| Abstracts of Instructional Materials in Vocational and Technical Education (AIM)+ | | | | |
| | Fall, 67 | -- | ED 013 337 MF-\$.65, HC-\$ 6.58 | |
| | Winter, 67 | -- | ED 015 336 MF-\$.65, HC-\$ 6.58 | |
| | Spring, 68 | -- | ED 017 745 MF-\$.65, HC-\$ 6.58 | |

PUBLICATIONS (cont.)

| Series No. | Publication Title (BB) | Center | Availability | |
|-----------------------|---------------------------|--------|--|-----------------------|
| | | | EDRS | |
| | Summer, 68 | -- | ED 020 441 | MF-\$.65, HC-\$ 6.58 |
| | Fall, 68 | -- | ED 023 936 | MF-\$.65, HC-\$ 6.58 |
| | Winter, 68 | -- | ED 028 302 | MF-\$.65, HC-\$ 6.58 |
| | Spring, 69 | -- | ED 030 769 | MF-\$.65, HC-\$ 6.58 |
| | Summer, 69 | -- | ED 032 433 | MF-\$.65, HC-\$ 6.58 |
| | Fall, 69 | -- | ED 034 075 | MF-\$.65, HC-\$ 6.58 |
| | Winter, 69 | -- | ED 037 584 | MF-\$.65, HC-\$ 6.58 |
| | Spring, 70 | -- | ED 041 159 | MF-\$.65, HC-\$ 6.58 |
| | Summer, 70 | -- | ED 042 930 | MF-\$.65, HC-\$ 6.58 |
| | Fall, 70 | -- | ED 045 853 | MF-\$.65, HC-\$ 6.58 |
| | Winter, 70 | -- | ED 048 514 | MF-\$.65, HC-\$ 6.58 |
| | Spring, 71 | -- | VT 013 648 (See Oct. '71 RIE for ED number and EDRS prices) | |
| AIM-ARM Annual Index+ | | | | |
| | 1967-68 | -- | ED 022 064 | MF-\$.65, HC-\$ 6.58 |
| | 1968-69 | -- | ED 036 652 | MF-\$.65, HC-\$ 6.58 |
| | 1969-70 | -- | ED 042 929 | MF-\$.65, HC-\$ 6.58 |

+ Single copies are available only in microfiche and hard copy reproduction form from EDRS, ordering by ED numbers and prices shown. ARM and AIM are normally obtained by subscription. Subscriptions may be initiated with any issue, Fall, 68, or later.

PUBLICATIONS (cont.)

INFORMATION SERIES (IN)

| Series No. | Publication Title (IN) | Center | Availability EDRS |
|------------|--|--------|-------------------------------------|
| 1 | Review and Synthesis of Research in Agricultural Education, by J. Robert Warmbrod and Lloyd J. Phipps, August, 1966 | \$1.50 | ED 011 562 MF-\$.65, HC-\$ 6.58 |
| 2 | Review and Synthesis of Research in Business and Office Education by Frank W. Lanham and J.M. Trytten, August, 1966 | -- | ED 011 566 MF-\$.65, HC-\$ 6.58 |
| 3 | Review and Synthesis of Research in Distributive Education, by Warren G. Meyer and William B. Logan, August, 1966 | -- | ED 011 565 MF-\$.65, HC-\$ 9.87 |
| 4 | Review and Synthesis of Research in Home Economics Education, by Hester Chadderdon and Alyce M. Fanslow, August, 1966 | -- | ED 011 563 MF-\$.65, HC-\$ 6.58 |
| 5 | Review and Synthesis of Research in Industrial Arts Education, by Jerry Streichler, August, 1966 | -- | ED 011 564 MF-\$.65, HC-\$ 6.58 |
| 6 | Review and Synthesis of Research in Technical Education, by Milton E. Larson, August, 1966 | \$1.50 | ED 011 559 MF-\$.65, HC-\$ 3.29 |
| 7 | Review and Synthesis of Research in Trade and Industrial Education, by Bruce W. Tuckman and Carl J. Schaefer, August, 1966 | -- | ED 011 560 MF-\$.65, HC-\$ 3.29 |
| 8 | Review and Synthesis of Research on the Economics of Vocational Education, by J. Robert Warmbrod, November, 1968 | \$1.50 | ED 023 937 MF-\$.65, HC-\$ 3.29 |
| 9 | Review and Synthesis of Research in Health Occupations Education. by Lewis D. Holloway and Elizabeth E. Kerr, May, 1969 | \$2.75 | ED 029 982 MF-\$.65, HC-\$ 3.29 |
| 10 | Review and Synthesis of Research in Industrial Arts Education, Second Edition, by Daniel L. Householder and Alan R. Sues, October, 1969 | \$2.25 | ED 034 898 MF-\$.65, HC-\$ 3.29 |
| 11 | Review and Synthesis of Research in Trade and Industrial Education, Second Edition, by Albert J. Pautler and Carl J. Schaefer, September, 1969 | \$2.25 | ED 036 638 MF-\$.65, HC-\$ 3.29 |
| 12 | Review and Synthesis of Research: Analysis for Curriculum Development in Vocational Education, by Milton E. Larson, October, 1969 | \$1.75 | ED 035 746 MF-\$.65, HC-\$ 3.29 |
| 13 | Review and Synthesis of Research in Technical Education, Second Edition, by Donald S. Phillips and Lloyd D. Briggs, October, 1969 | \$2.25 | ED 036 639 MF-\$.65, HC-\$ 3.29 |
| 14 | Review and Synthesis of Research on the Administration of Vocational and Technical Education, by Ralph C. Wenrich, March, 1970 | \$2.25 | ED 037 542 MF-\$.65, HC-\$ 3.29 |
| 15 | Review and Synthesis of Research on the Placement and Follow-Up of Vocational Education Students, by J. Kenneth Little, February, 1970 | \$1.75 | ED 037 543 MF-\$.65, HC-\$ 3.29 |
| 16 | Review and Synthesis of Research on Vocational Education in Rural Areas, by B. Eugene Grossman and Kenneth G. Densley, December, 1969 | \$1.75 | ED 034 632 MF-\$.65, HC-\$ 3.29 |
| 17 | Review and Synthesis of Research on Distributive Education, 1966-1968, Second Edition, by Richard D. Ashmun and Roger A. Larson, January, 1970 | \$2.25 | ED 038 498 MF-\$.65, HC-\$ 3.29 |
| 18 | Review and Synthesis of Research in Business and Office Education, Second Edition, by Ray G. Price and Charles N. Hopkins, April, 1970 | \$2.25 | ED 038 520 MF-\$.65, HC-\$ 6.58 |
| 19 | Review and Synthesis of Research on Home Economics Education, Second Edition, by Helen Y. Nelson, April, 1970 | \$1.75 | ED 038 519 MF-\$.65, HC-\$ 3.29 |
| 20 | Review and Synthesis of Research in Agricultural Education, Second Edition, by Earl T. Carpenter and John H. Rodgers, May, 1970 | \$2.25 | ED 040 275 MF-\$.65, HC-\$ 3.29 |
| 21 | Review and Synthesis of Research on Cooperative Vocational Education, by Harold R. Wallace, May, 1970 | \$2.25 | ED 040 274 MF-\$.65, HC-\$ 6.58 |
| 22 | Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education, by Joseph Ray Clary, September, 1970 | \$1.75 | ED 043 744 MF-\$.65, HC-\$ 3.29 |
| 23 | Interpretation of Literature on Career Ladders and Lattices in Health Occupations Education, by Jean Kintgen, September, 1970 | \$1.75 | ED 042 919 MF-\$.65, HC-\$ 3.29 |
| 24 | Review and Analysis of Curricula for Occupations in Construction, by Wiley B. Lewis, October, 1970 | \$1.50 | ED 044 496 MF-\$.65, HC-\$ 3.29 |
| 25 | Review and Analysis of Curricula for Occupations in Metalworking, by Thomas R. Snyder and Roy L. Butler, October, 1970 | \$1.50 | ED 044 495 MF-\$.65, HC-\$ 3.29 |
| 26 | Working with Opinion Leaders to Accelerate Change in Vocational-Technical Education, by Garry R. Blue, November, 1970 | \$1.50 | ED 044 502 MF-\$.65, HC-\$ 3.29 |
| 27 | Review and Analysis of Curricula for Occupations in Health, by Wiley B. Lewis, November, 1970 | \$1.50 | ED 044 507 MF-\$.65, HC-\$ 3.29 |

PUBLICATIONS (cont.)

| Series No. | Publication Title (IN) | Center | Availability | |
|---------------|---|--------|-------------------------------------|--|
| | | | EDRS | |
| 28 | Review and Analysis of Curricula for Occupations in Transportation, by Wiley B. Lewis, December, 1970 | \$1.50 | ED O45 814 MF-\$.65, HC-\$ 3.29 | |
| 29 | Review and Analysis of Curricula for Occupations in Public Services, by Wiley B. Lewis, November, 1970 | \$1.50 | ED O45 813 MF-\$.65, HC-\$ 3.29 | |
| 30 | Review and Analysis of Curricula for Occupations in Environmental Control, by Wiley B. Lewis, December, 1970 | \$1.50 | ED O45 817 MF-\$.65, HC-\$ 3.29 | |
| 31 | Review and Synthesis of Literature on Residential Schools in Vocational and Technical Education, by Catharine P. Warmbrod, December, 1970 | \$1.50 | ED O45 821 MF-\$.65, HC-\$ 3.29 | |
| 32 | Review and Analysis of Curricula for Occupations in Food Processing and Distribution, by Wiley B. Lewis, December, 1970 | \$1.50 | ED O45 820 MF-\$.65, HC-\$ 3.29 | |
| 33 | Review and Synthesis of Research on Consumer and Homemaking Education, by Lena C. Bailey, April, 1971 | \$2.50 | ED O48 482 MF-\$.65, HC-\$ 3.29 | |

PUBLICATIONS (cont.)

CENTER RELATED SERIES (CR)

| Series No. | Publication Title (CR) | Center | Availability EDRS |
|------------|---|--------|-------------------------------------|
| 1 | Agricultural Chemicals Technology (Course outline and eight modules), by Jerry Halterman and others, 1965 | \$6.75 | ED 013 894-- 013 902++ |
| 2 | Agricultural Machinery--Service Occupations (Course outline and sixteen modules), by Alan Kahler and others, 1965 | -- | ED 012 761-- 012 777++ |
| 3 | Agricultural Supply--Sales and Service Occupations (Course outline and twelve modules), by J.H. Lintner and others, 1965 | \$7.00 | ED 015 232-- 015 241++ |
| 4 | Horticulture--Service Occupations (Course outline and twelve modules), by James Utzinger and others, 1965 | -- | ED 013 290-- 013 302++ |
| 5 | Occupational Guidance for Off-Farm Agriculture, by Glenn Z. Stevens, December, 1965 | \$0.60 | ED 011 030 MF-\$.65, HC-\$ 3.29 |
| 6 | Organizing to Provide Agricultural Education for Off-Farm Occupations, by Herbert M. Hamlin, August, 1965 | -- | ED 011 032 MF-\$.65, HC-\$ 3.29 |
| 7 | Planning and Conducting Cooperative Occupational Experience in Off-Farm Agriculture, by Harold Anderson, August, 1965 | -- | ED 011 035 MF-\$.65, HC-\$ 6.58 |
| 8 | Policy and Administrative Decisions Needed When Introducing Vocational and Technical Education in Agriculture for Off-Farm Occupations, by Herbert M. Hamlin, August, 1965 | \$0.75 | ED 011 033 MF-\$.65, HC-\$ 3.29 |
| 9 | Summary of Research Findings in Off-Farm Agricultural Occupations, August, 1965 | -- | ED 015 245 MF-\$.65, HC-\$ 3.29 |
| 10 | Vocational and Technical Education in Agriculture for Off-Farm Occupations, by Herbert M. Hamlin, August, 1965 | \$0.75 | ED 011 034 MF-\$.65, HC-\$ 3.29 |
| 11 | Involvement: Inservice Business Teacher Programs Leading to a Better Understanding of Students with Special Needs, by Estelle L. Popham, John Kusher, and Jean Larson, Summer, 1968 | -- | ED 028 255 MF-\$.65, HC-\$ 6.58 |
| 12 | Changing Undergraduate Business Teacher Education Programs to Prepare Teachers for Culturally Different Youth, by Robert A. Schultheis and Alvin Vaughn, June, 1968 | -- | ED 024 837 MF-\$.65, HC-\$ 6.58 |
| 13 | Cross-Cultural Issues in Office Education with Emphasis on In-Service Teacher Education, by William L. Winnett, September, 1968 | -- | ED 029 089 MF-\$.65, HC-\$ 3.29 |
| 14 | Business Education for the Emergent Office, by Harry Huffman and Dale D. Gust, June, 1970 | -- | ED 043 754 MF-\$.65, HC-\$ 6.58 |

++Each course outline and module has a separate ED number and EDRS price. Additional information may be obtained from The Center, Dissemination Specialist.